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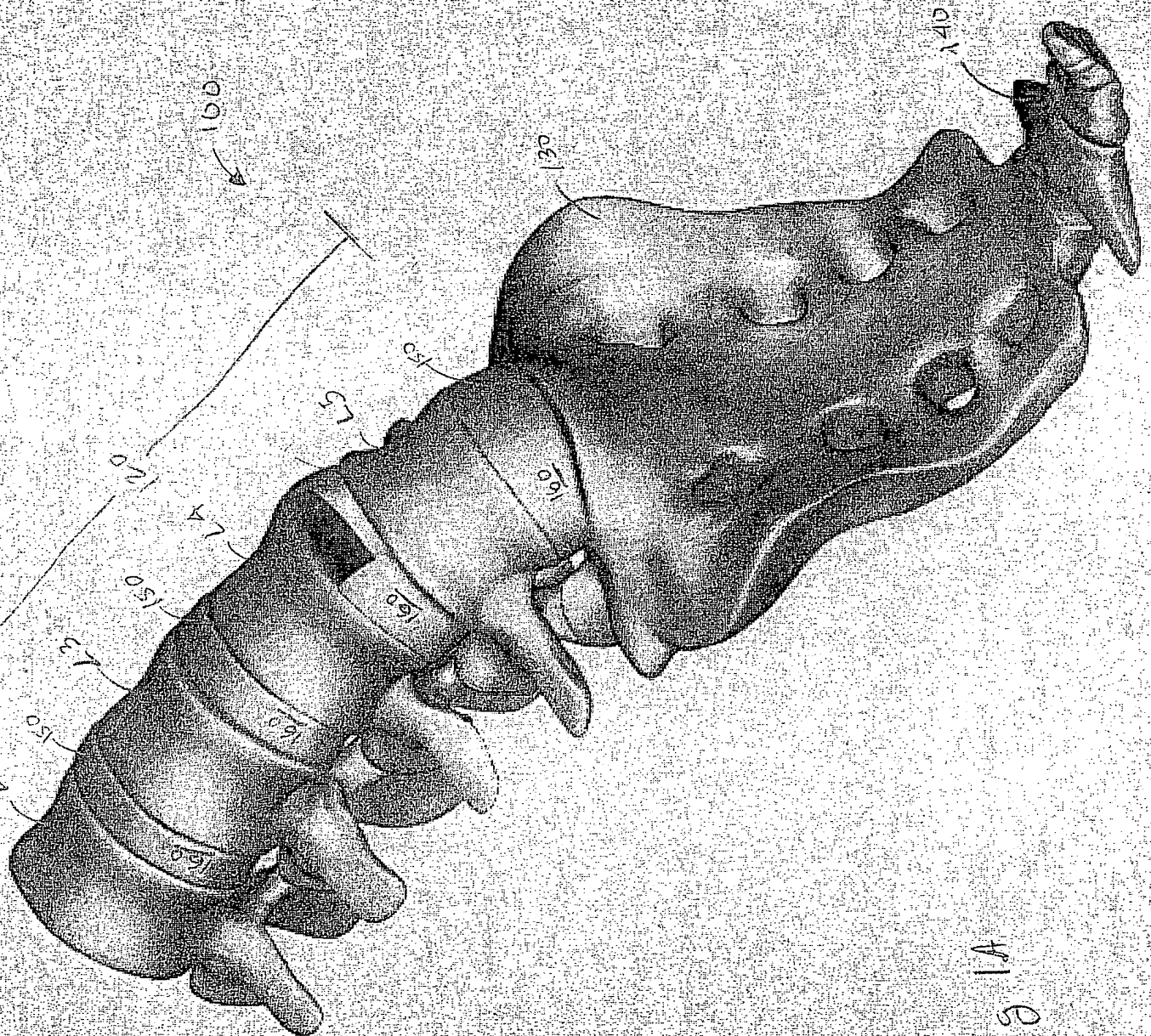
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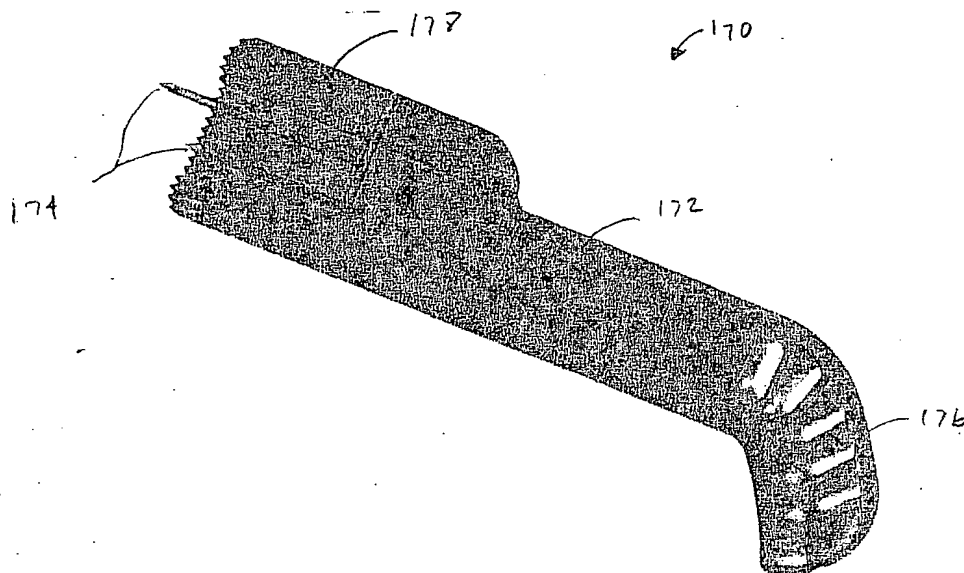


FIG. 1B

**Inventors:** John Riley Hawkins et al.



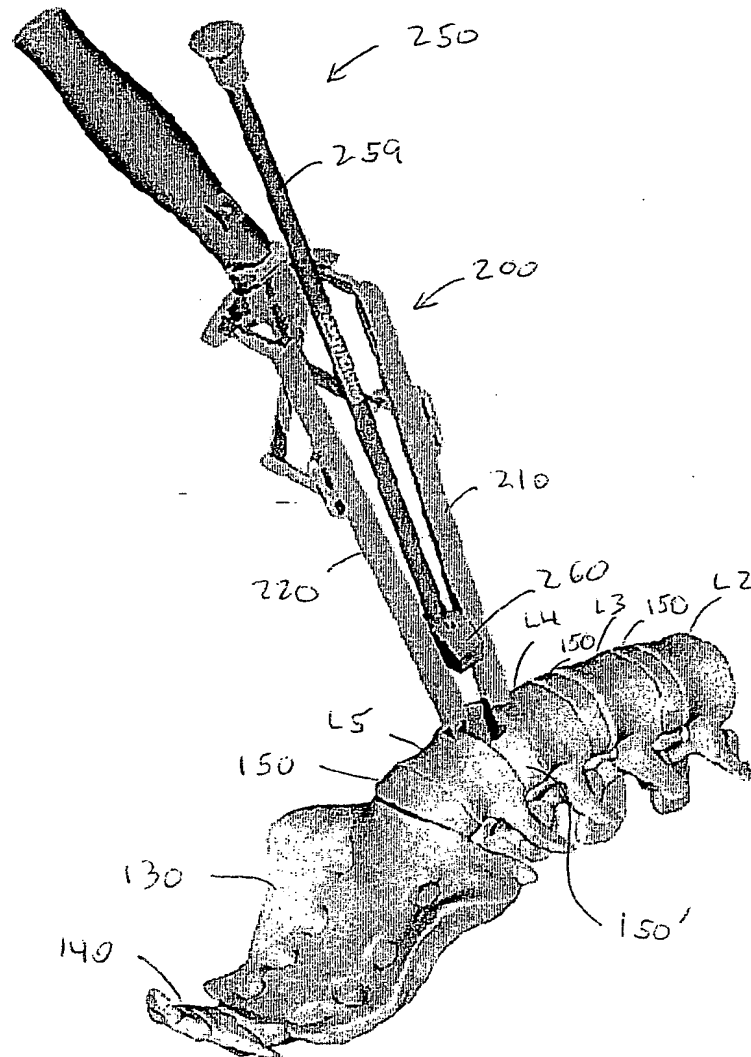
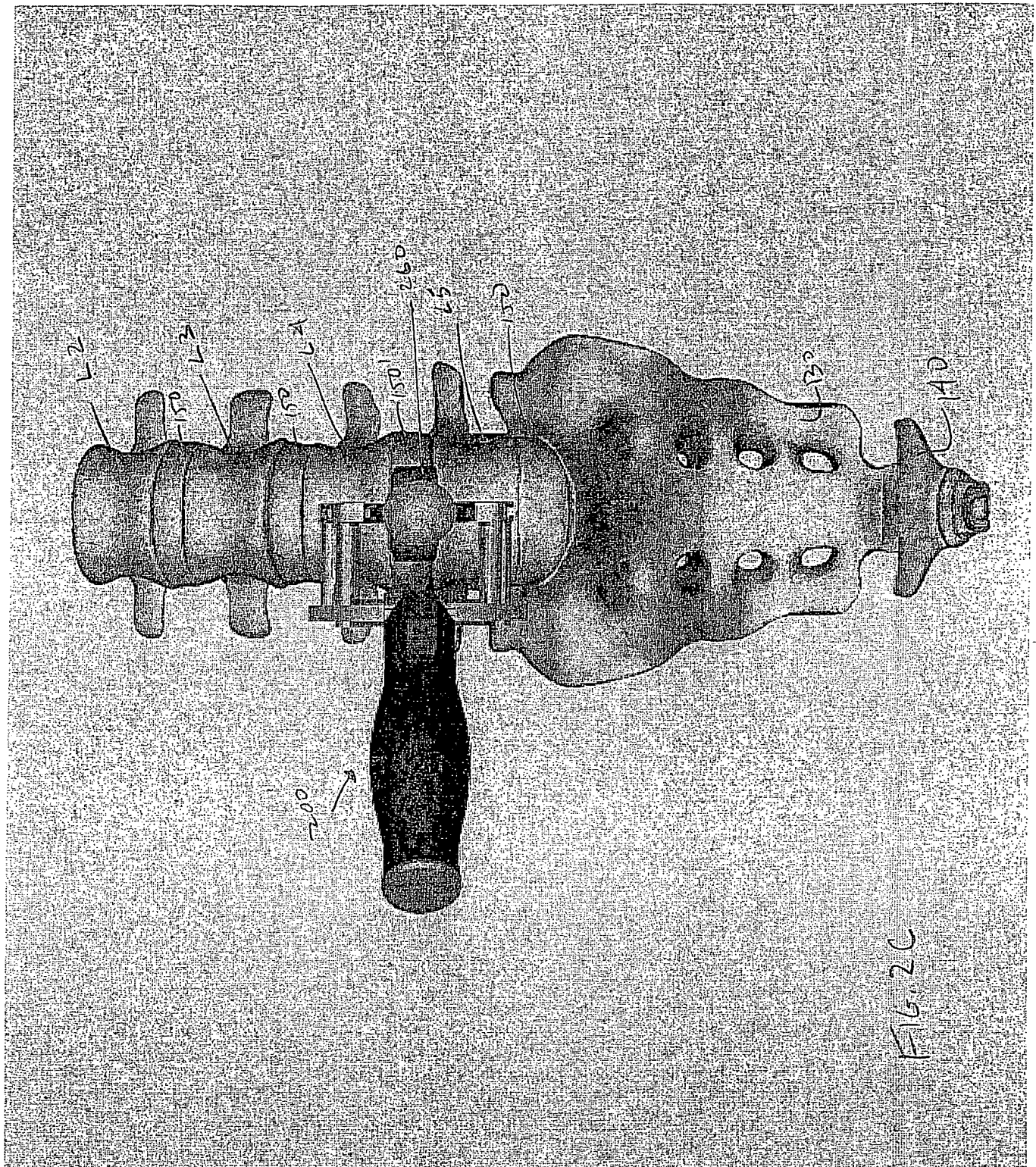


FIG. 2B





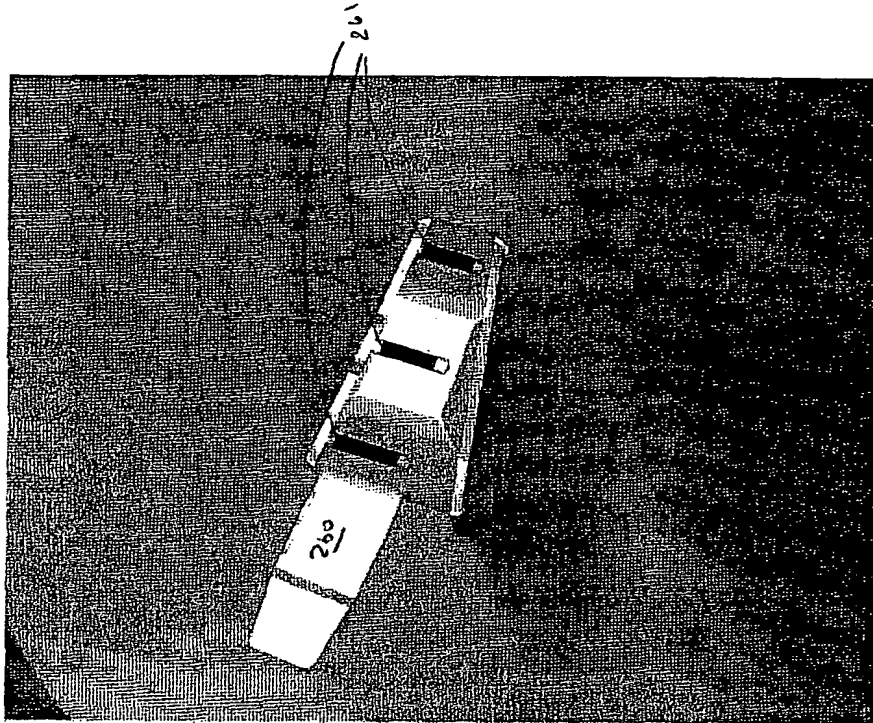


FIG. 2E

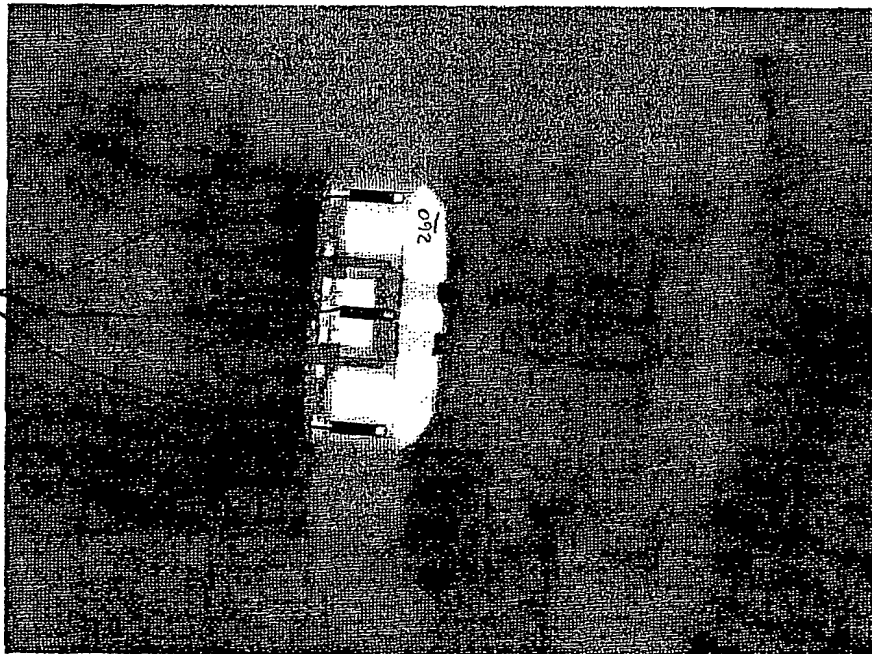
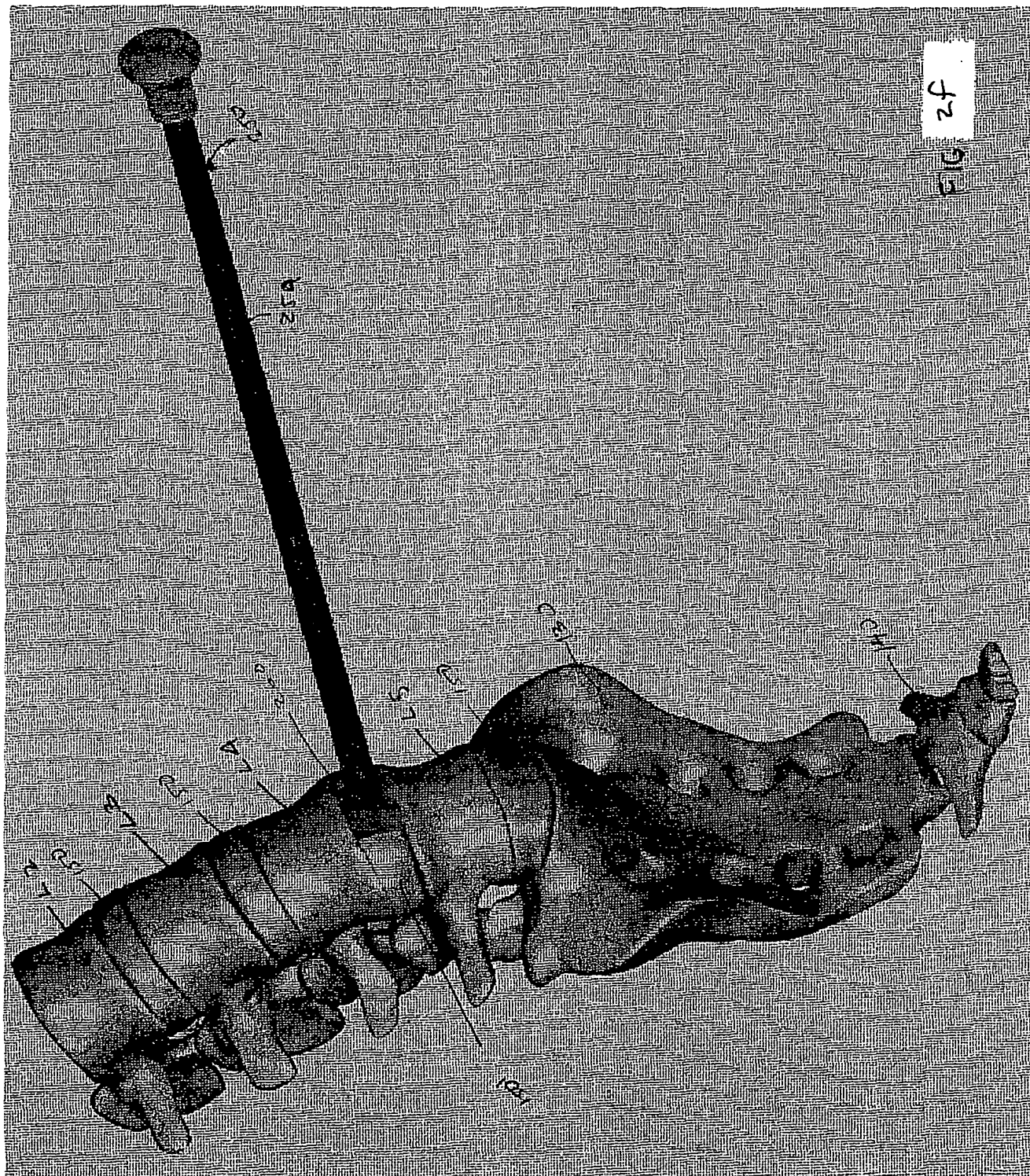
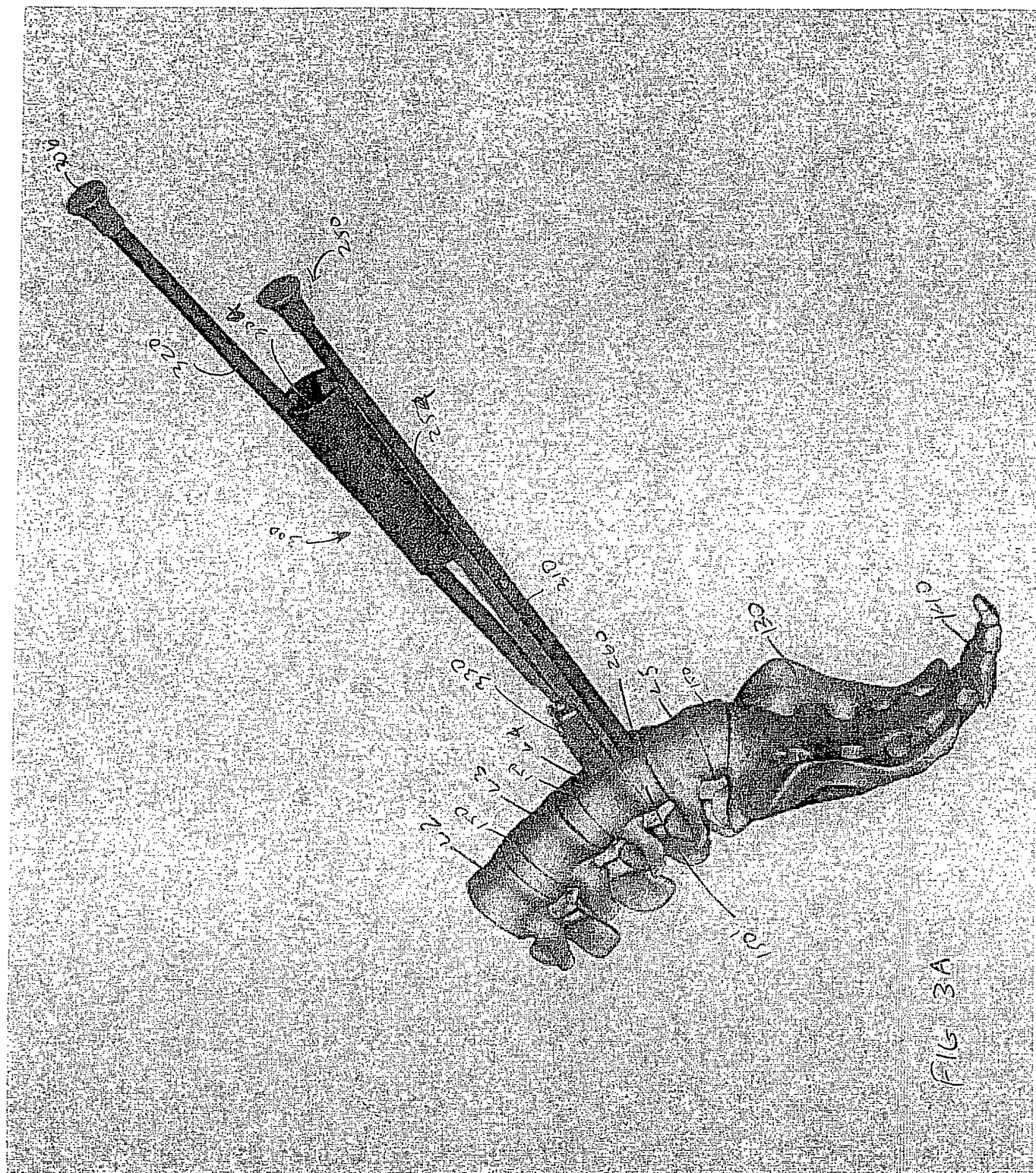


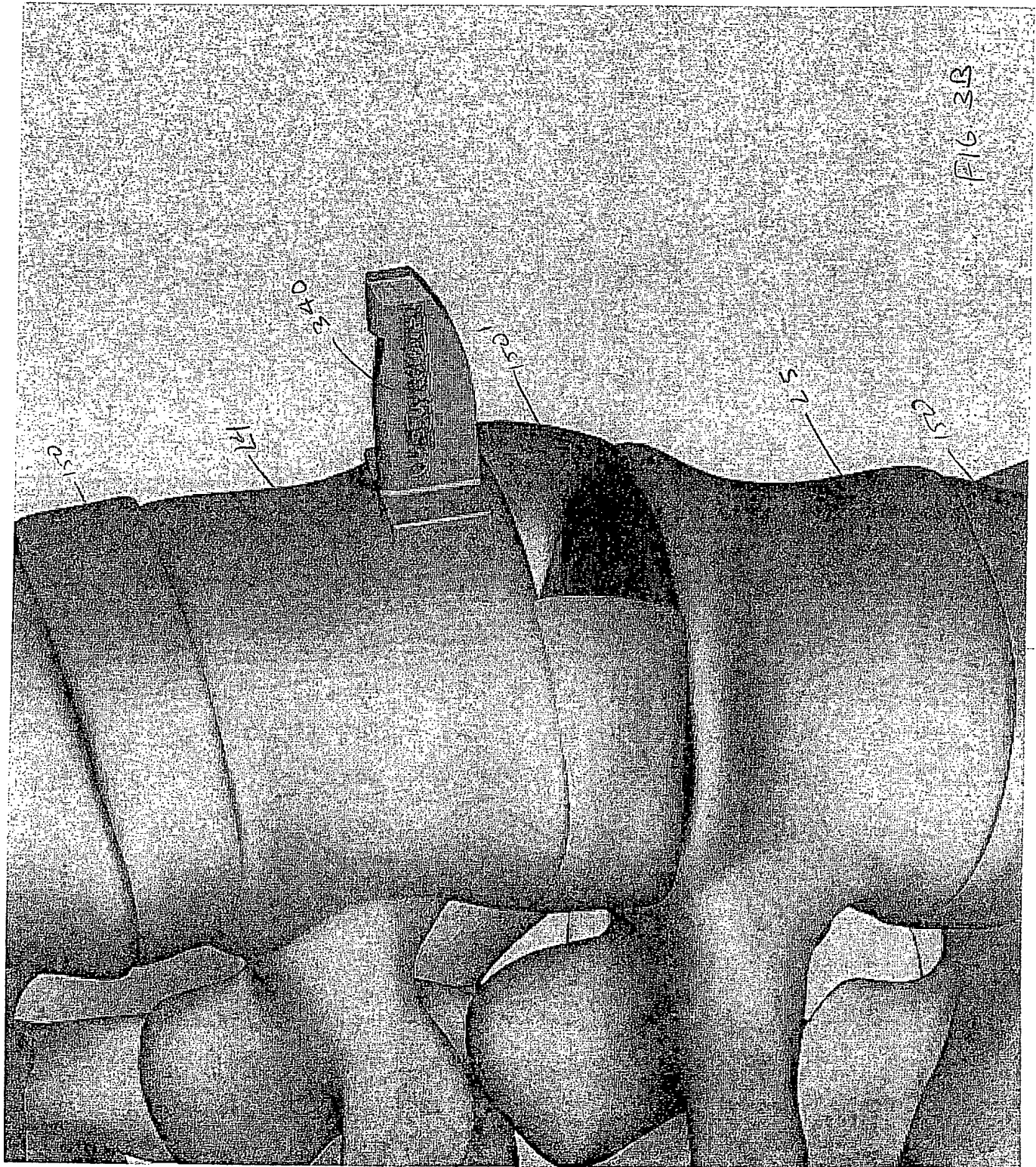
FIG. 2D







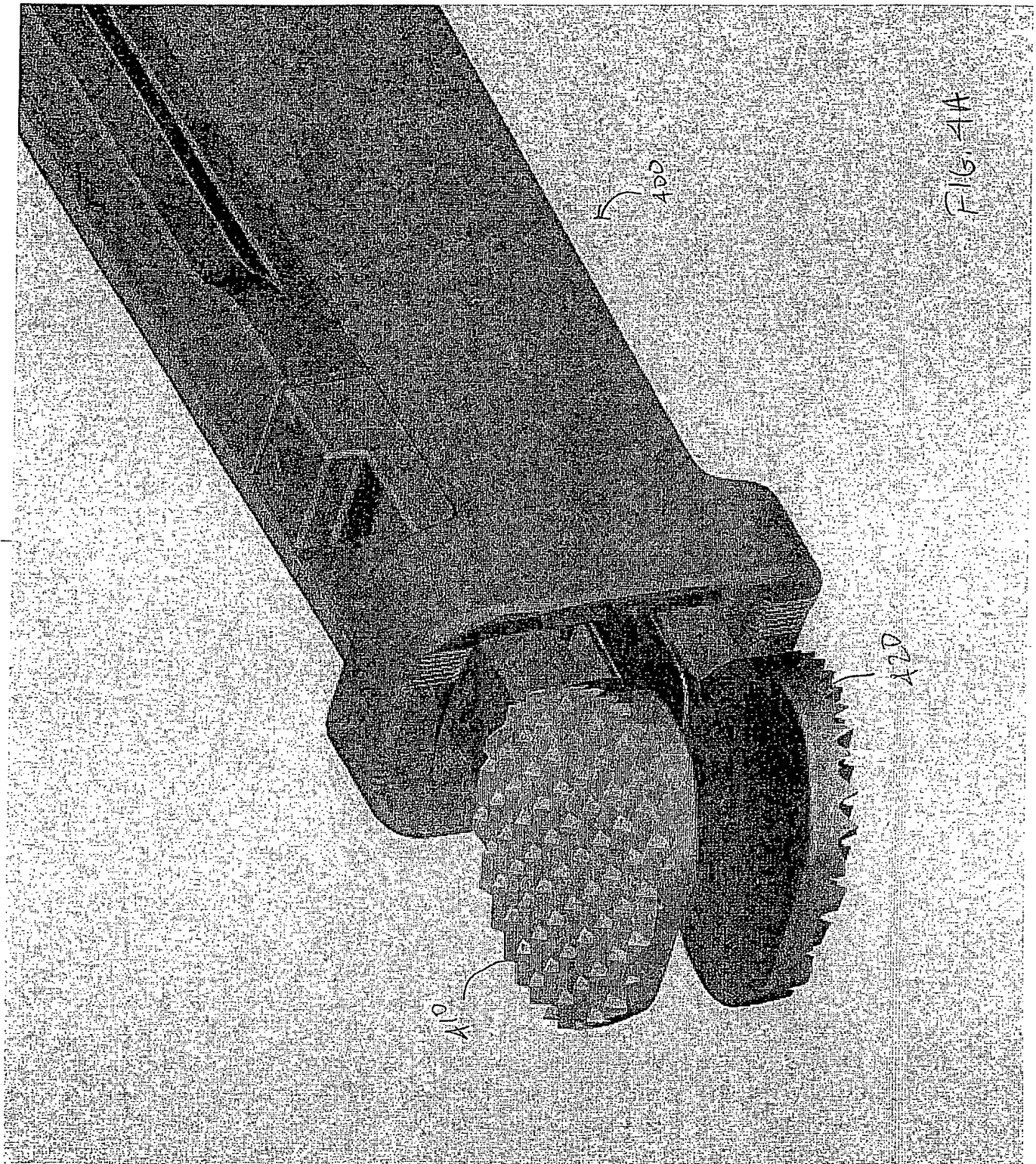
Inventors: John Riley Hawkins et al.



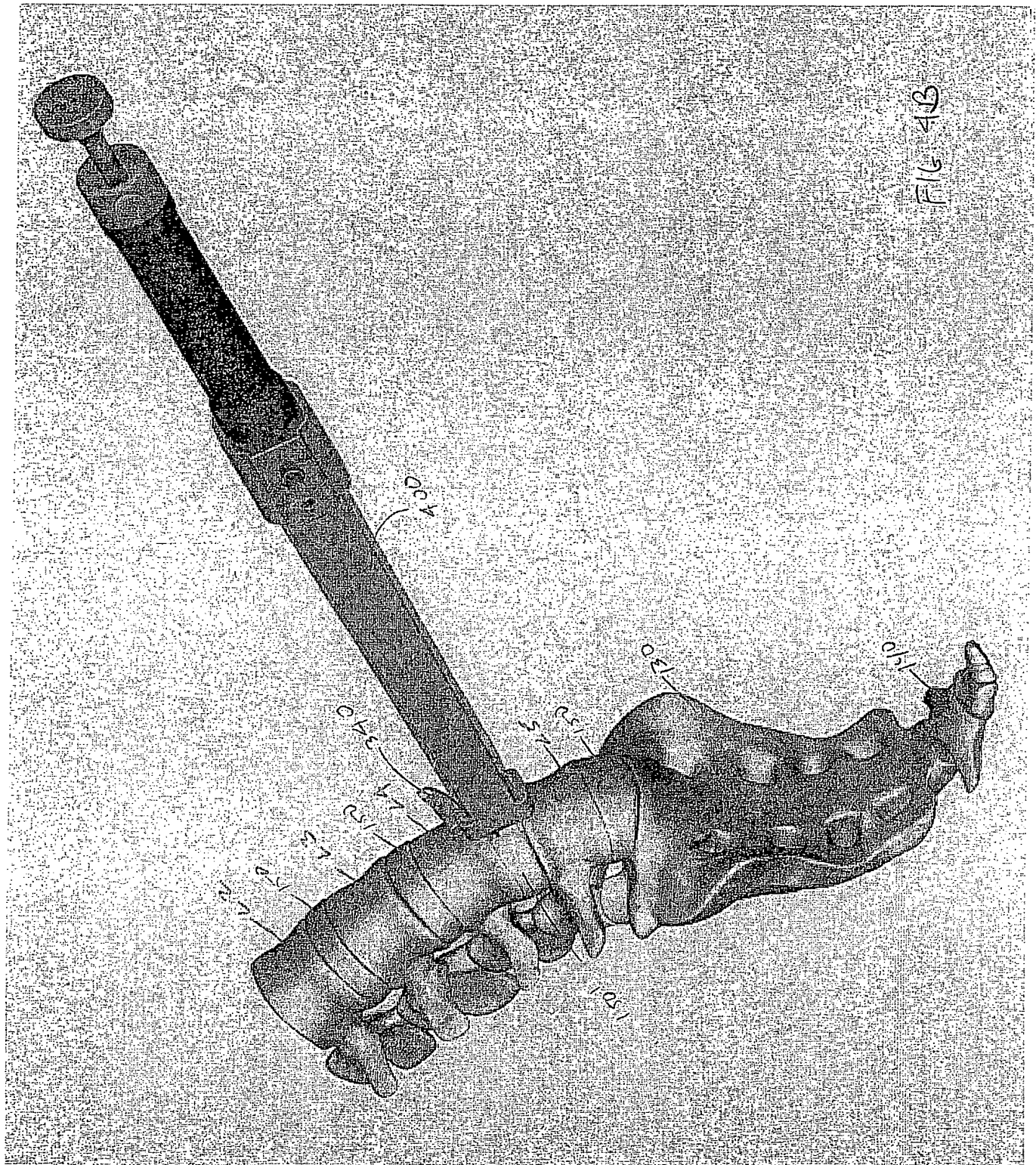
Docket No.: 3518.1001-001

Title: Method And Apparatus For Artificial ...

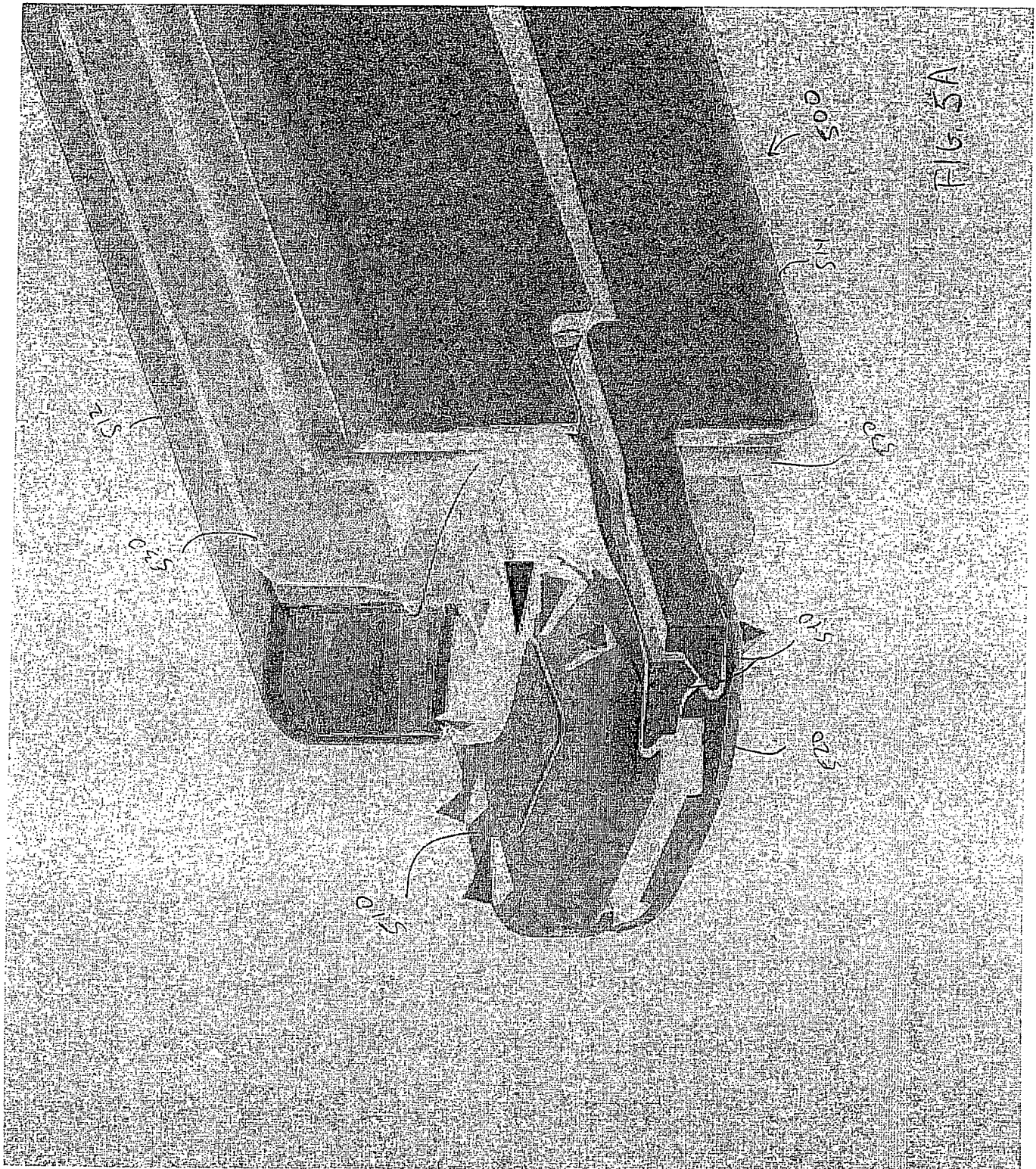
Inventors: John Riley Hawkins et al.







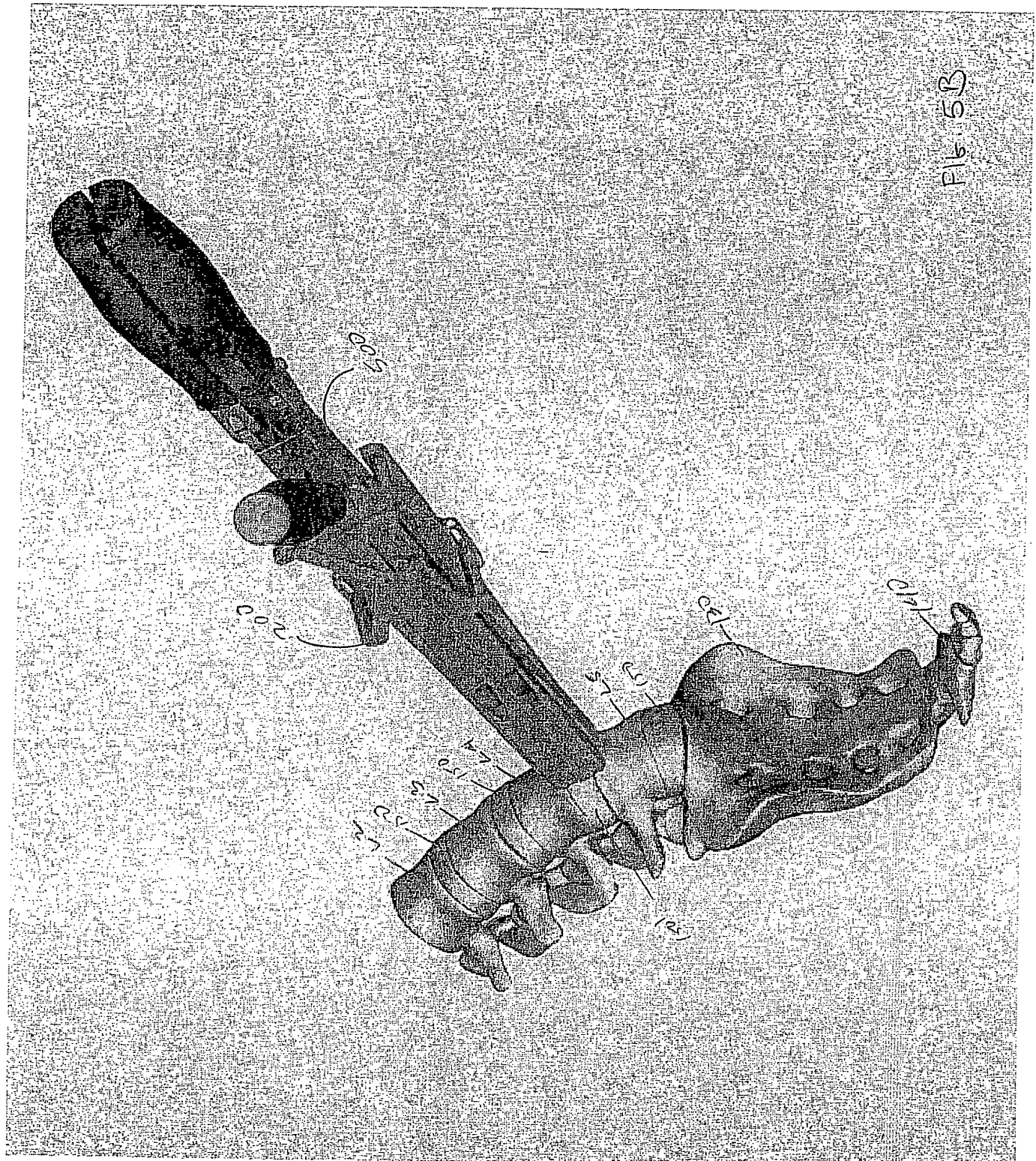


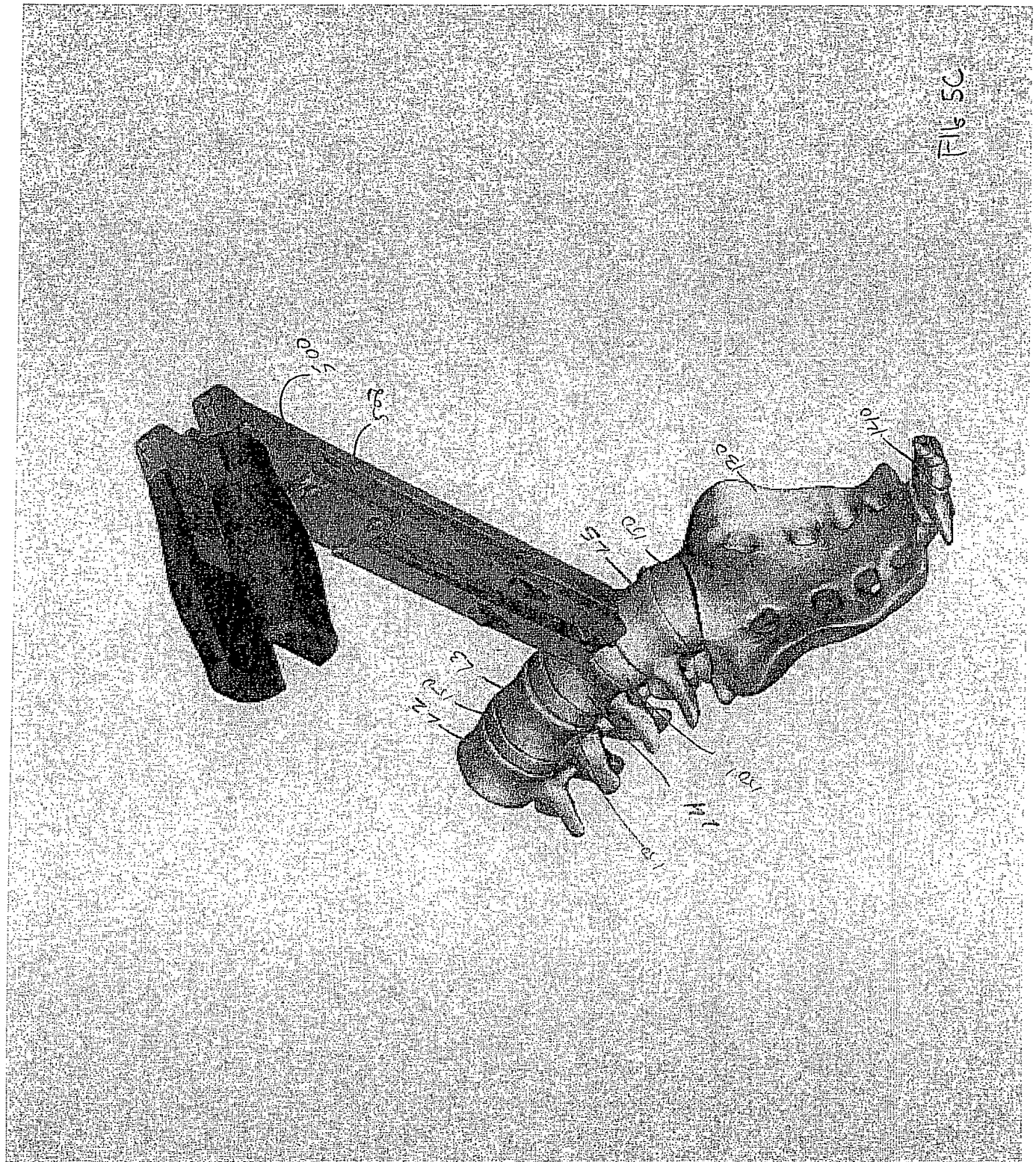


Docket No.: 3518.1001-001

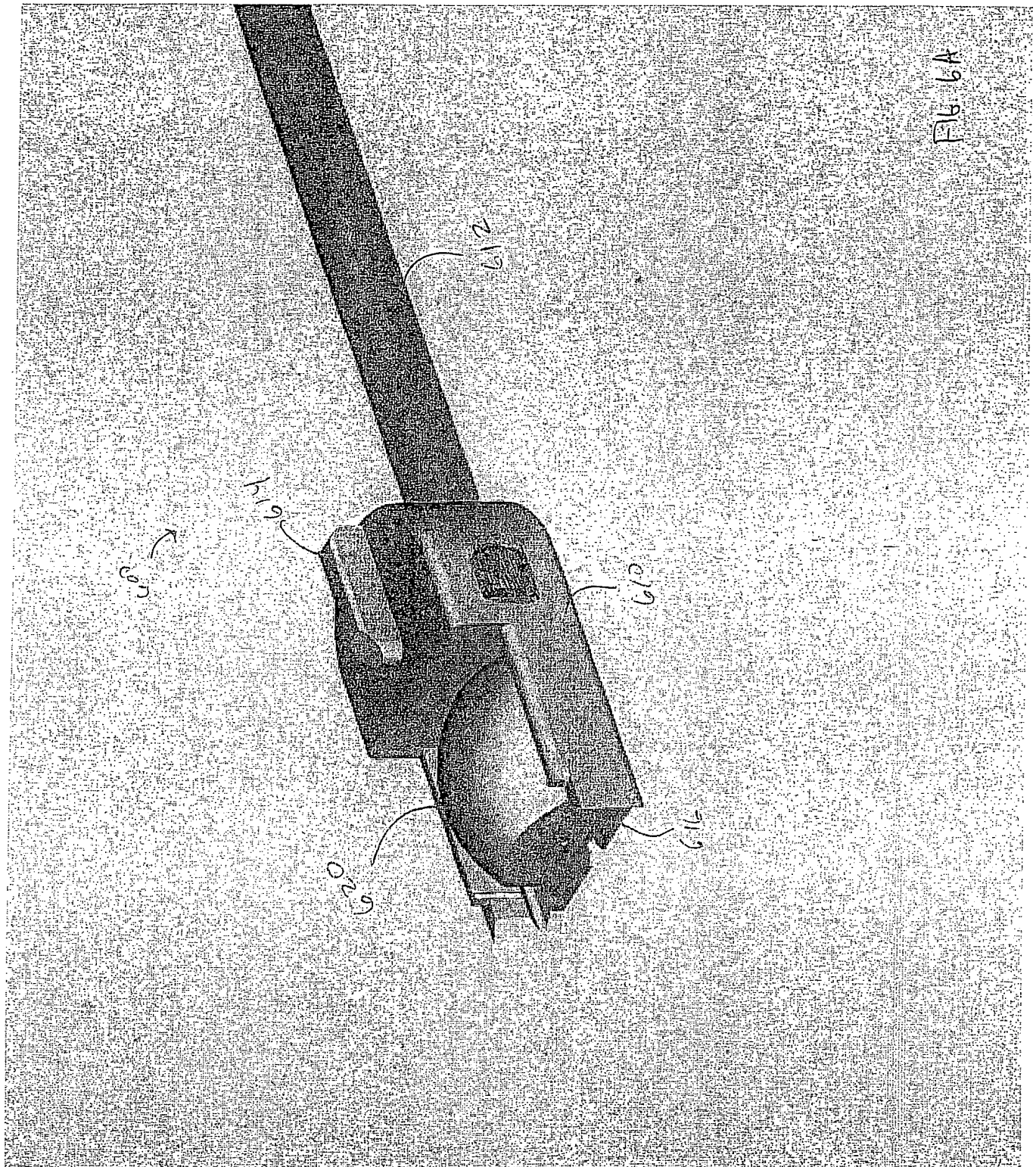
Title: Method And Apparatus For Artificial ...

Inventors: John Riley Hawkins et al.











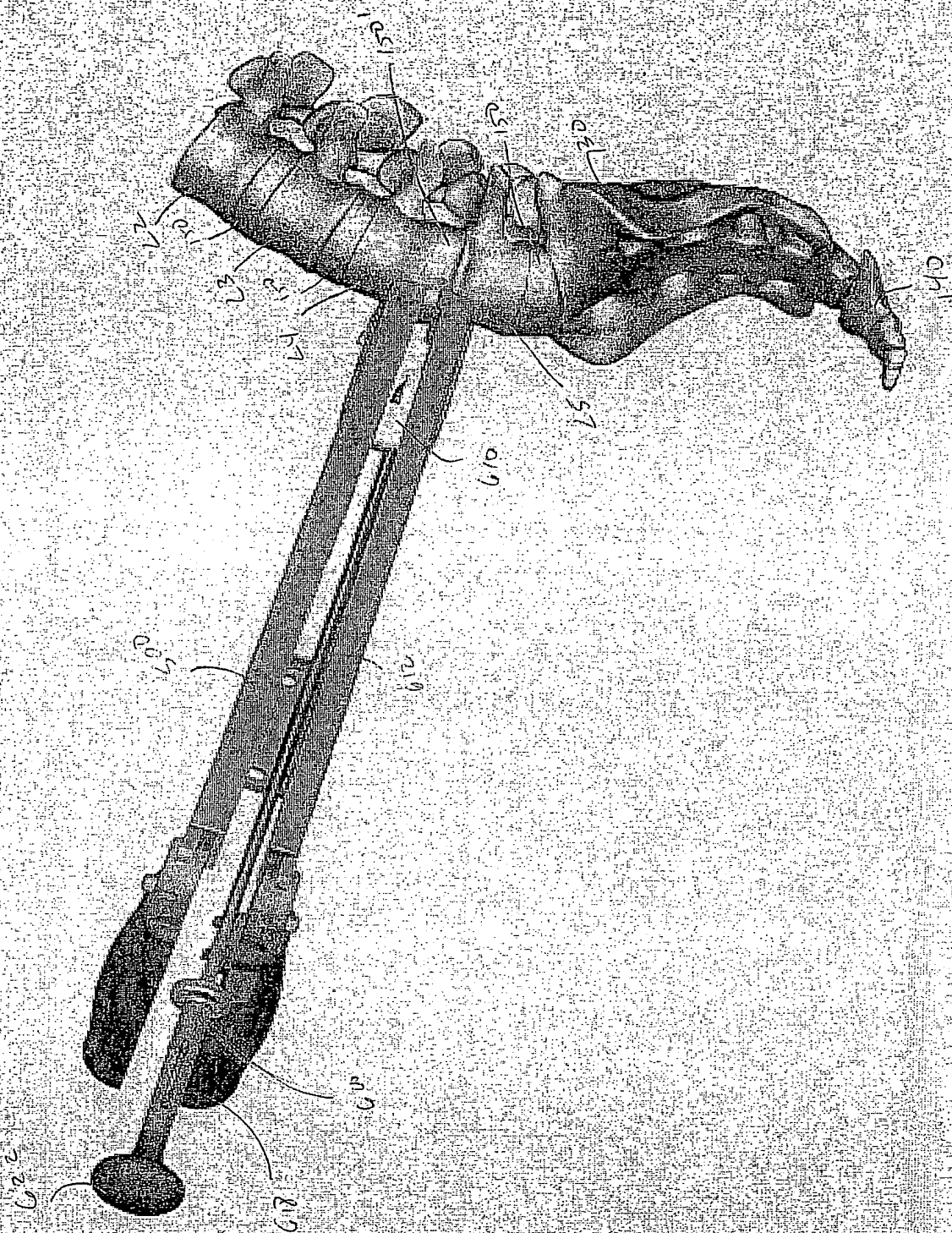


FIG. 6B

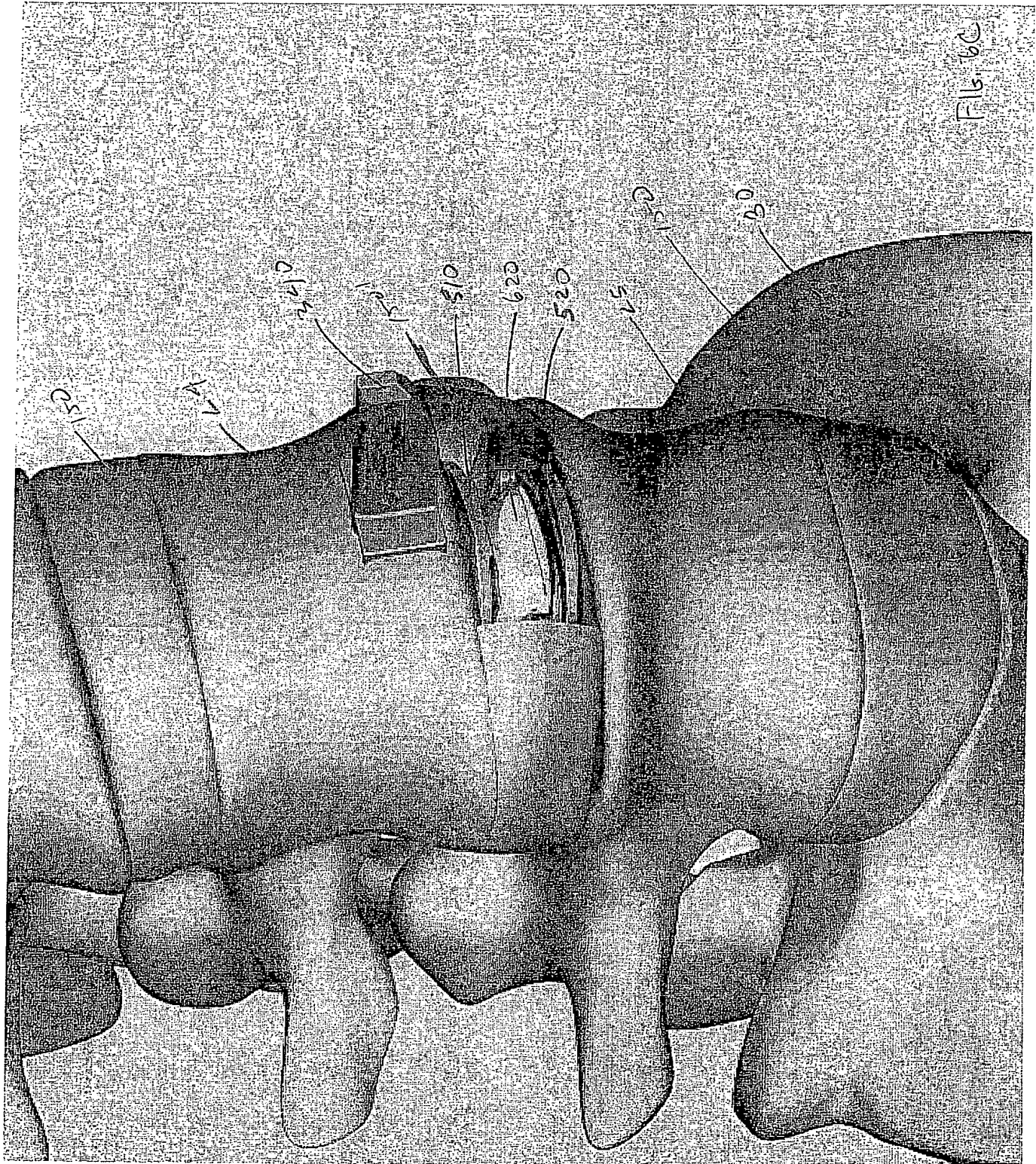


FIG. 6C

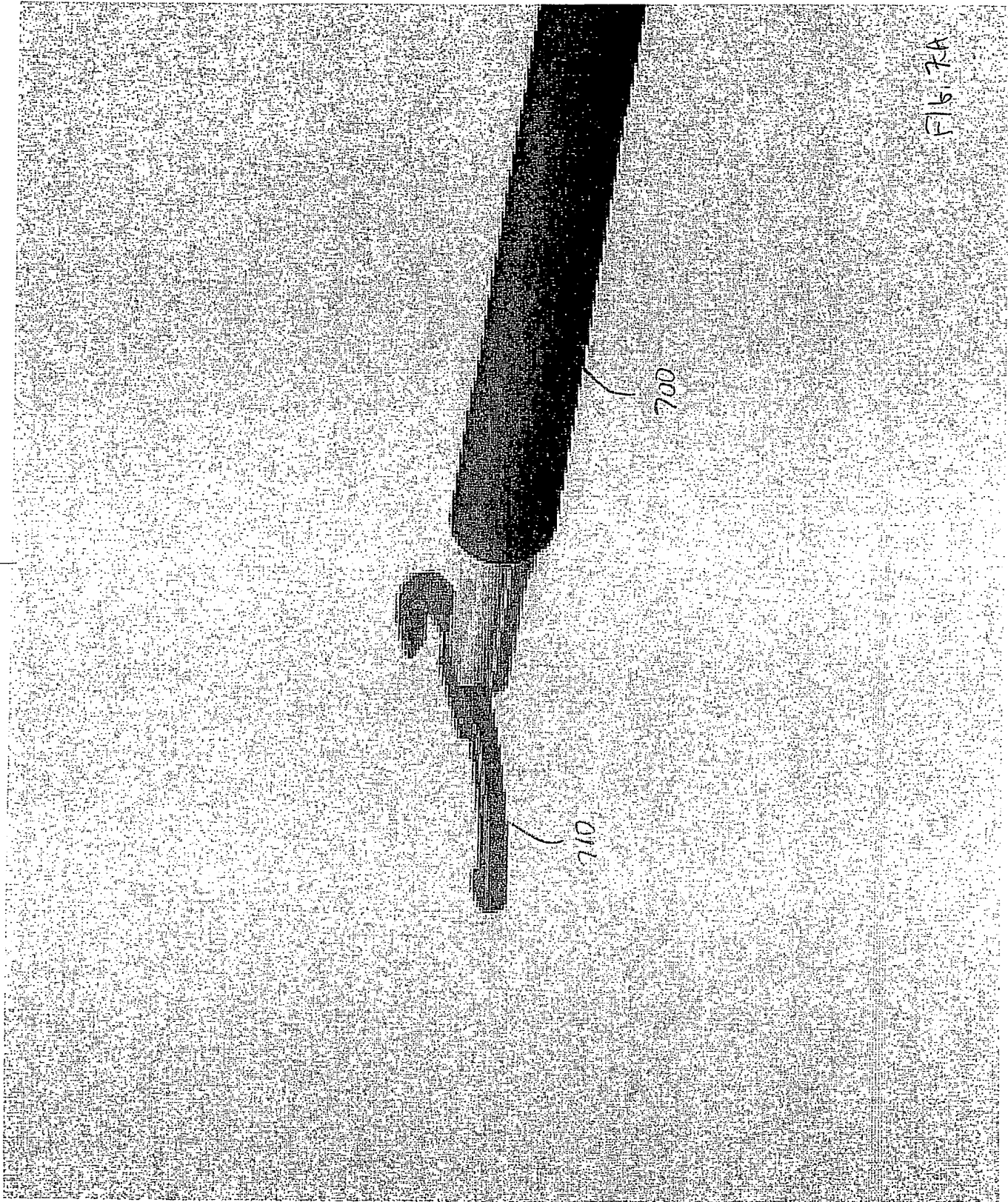


FIG. 7A



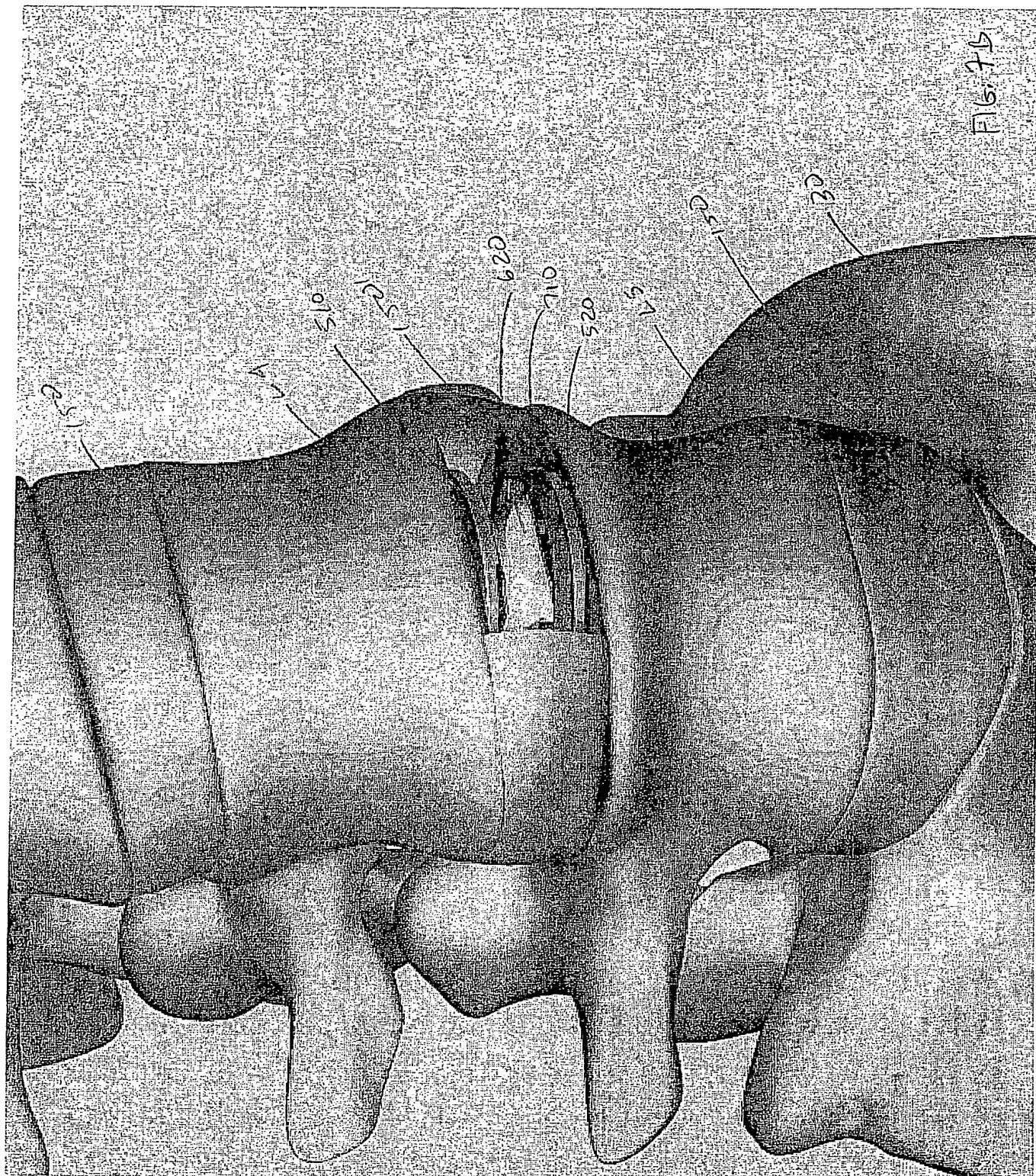


FIG. 7b



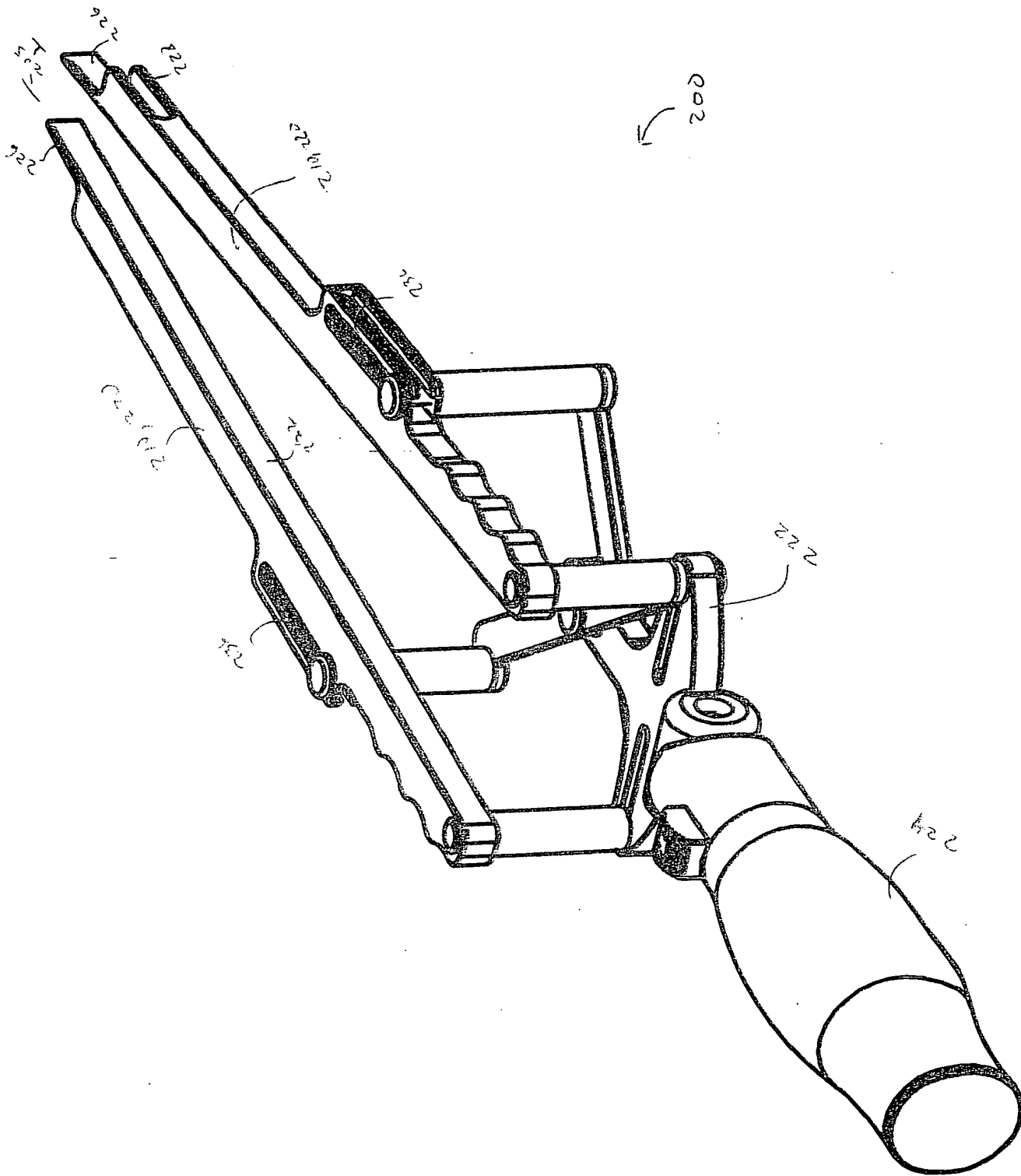


FIG. 8A

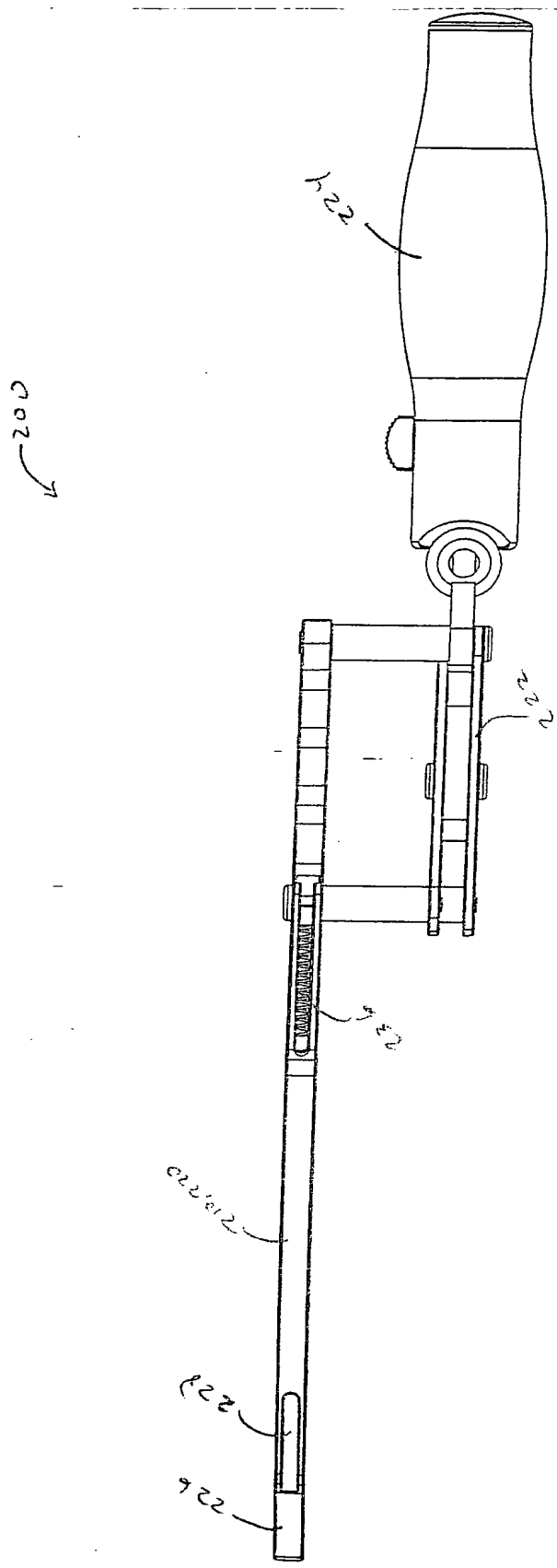


FIG. 8B

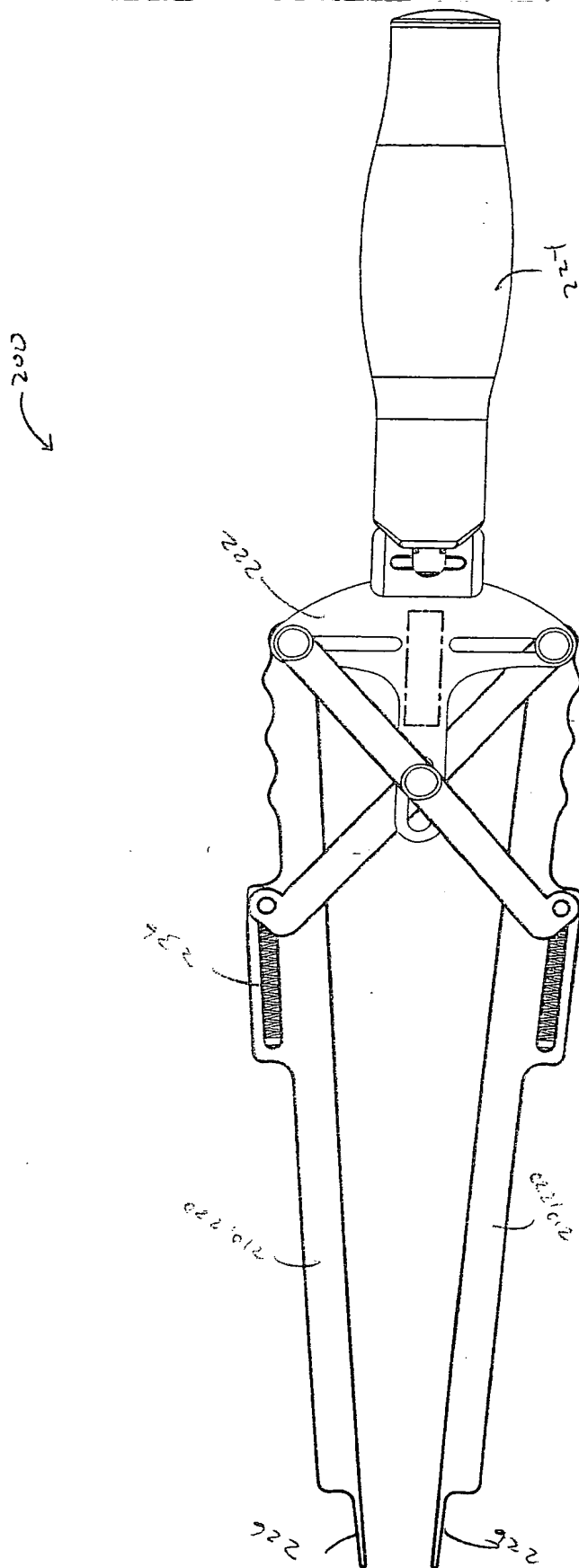
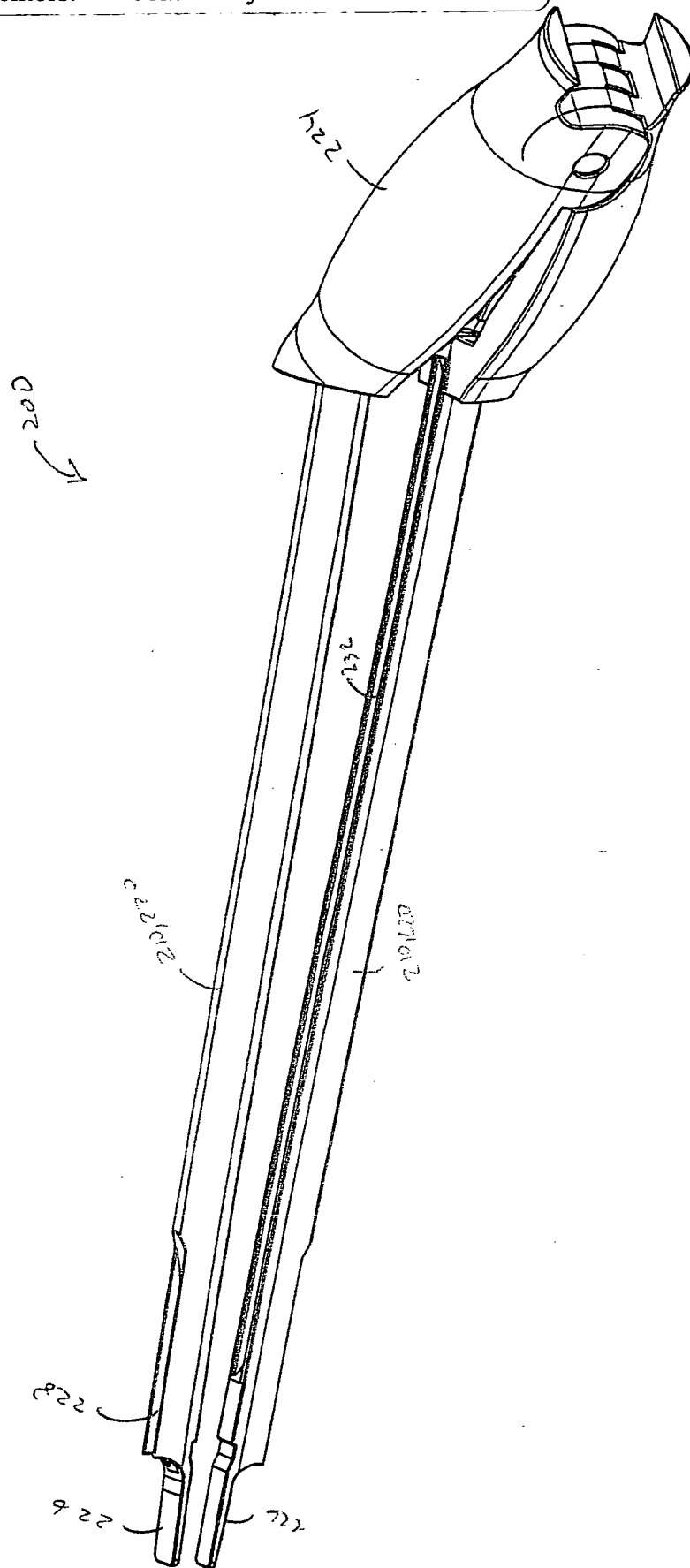


FIG. 8C

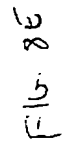
Inventors: John Riley Hawkins et al.



$\frac{7}{8} \frac{b}{11}$



Inventors: John Riley Hawkins et al.



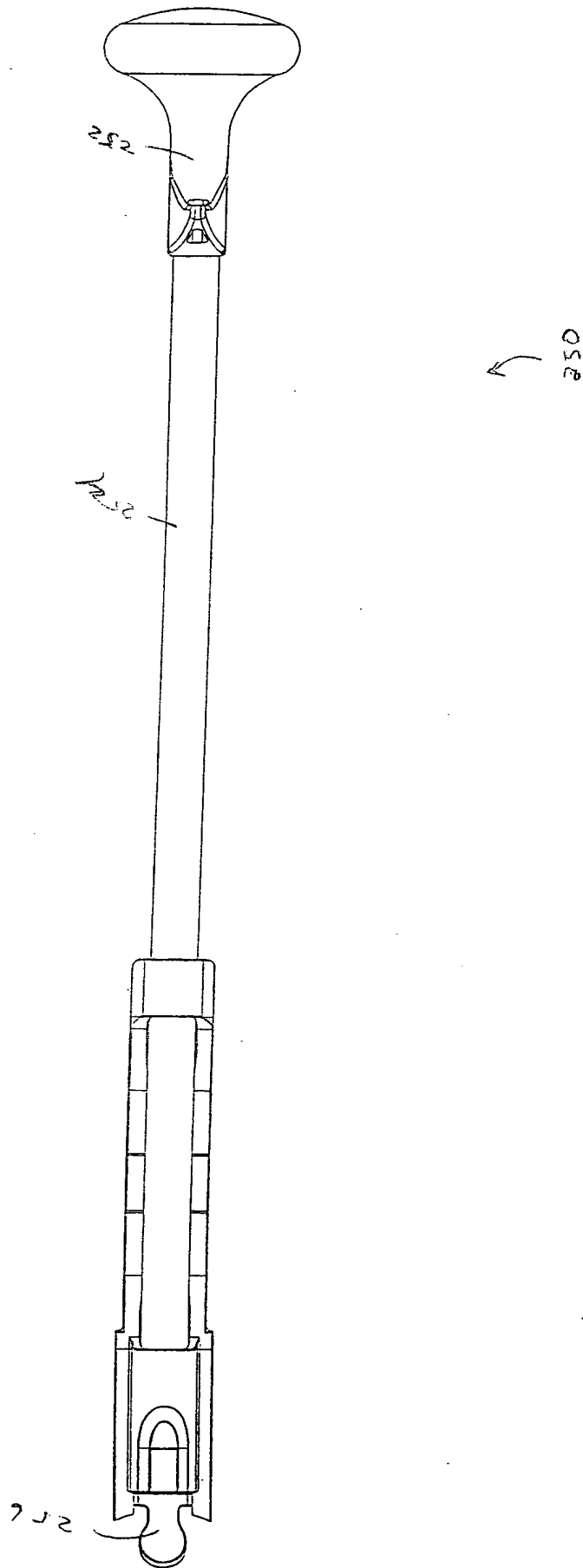


FIG. 9A

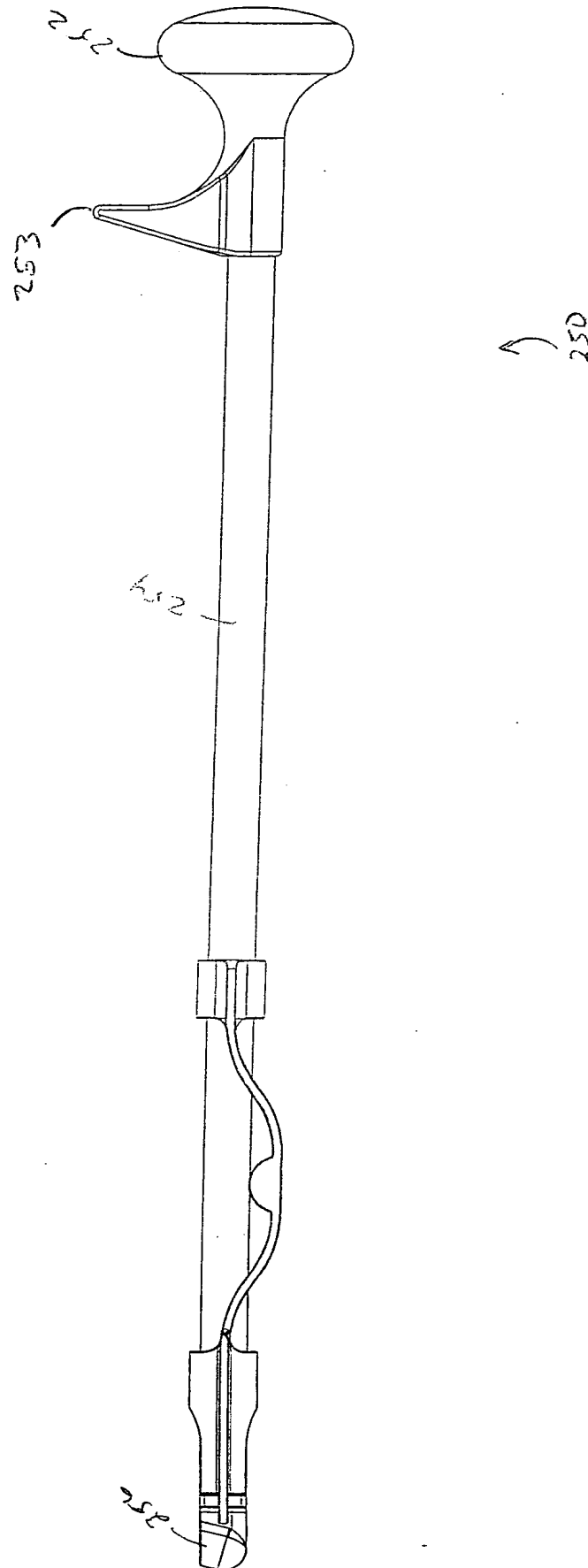
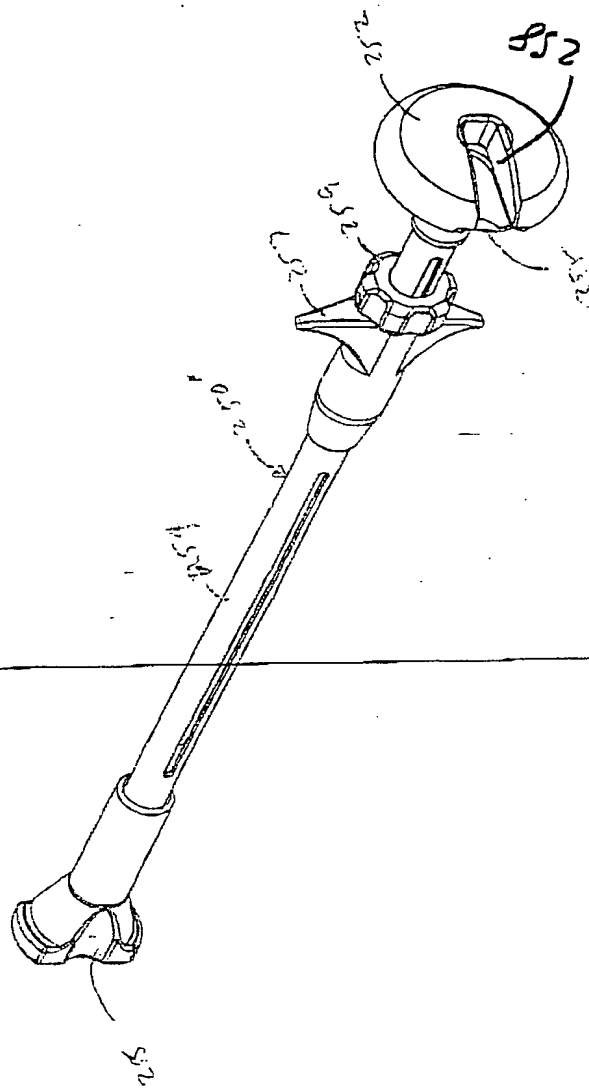
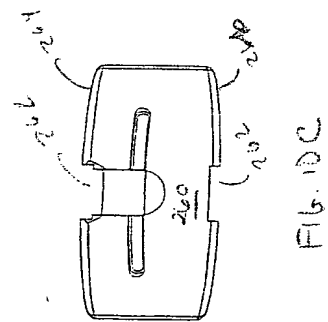
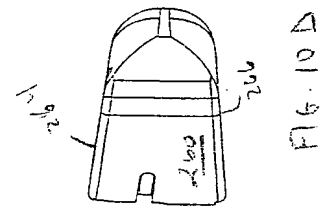
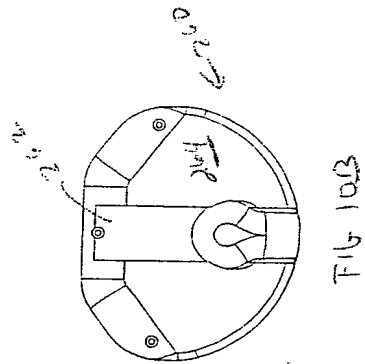
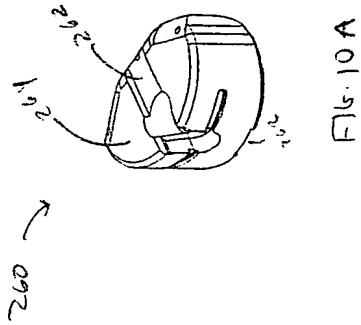


FIG. 9B



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11





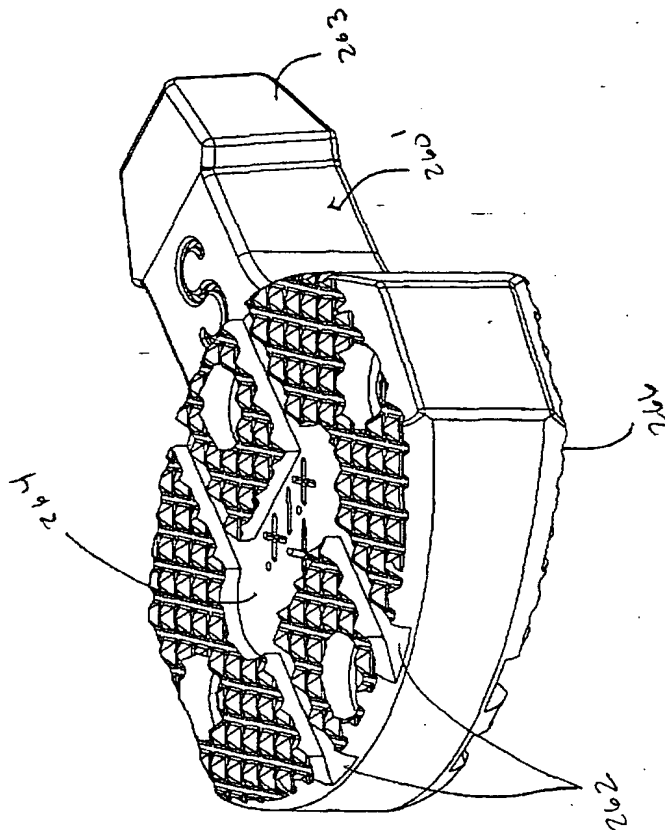


FIG. 10E

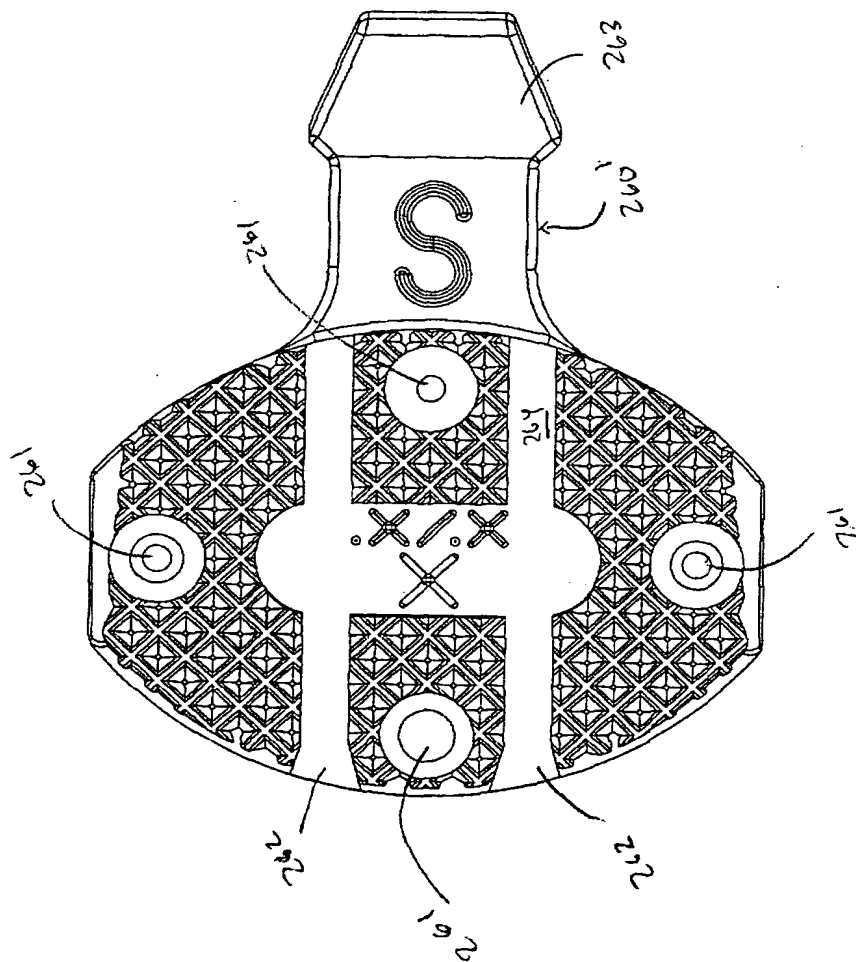


FIG. 10F

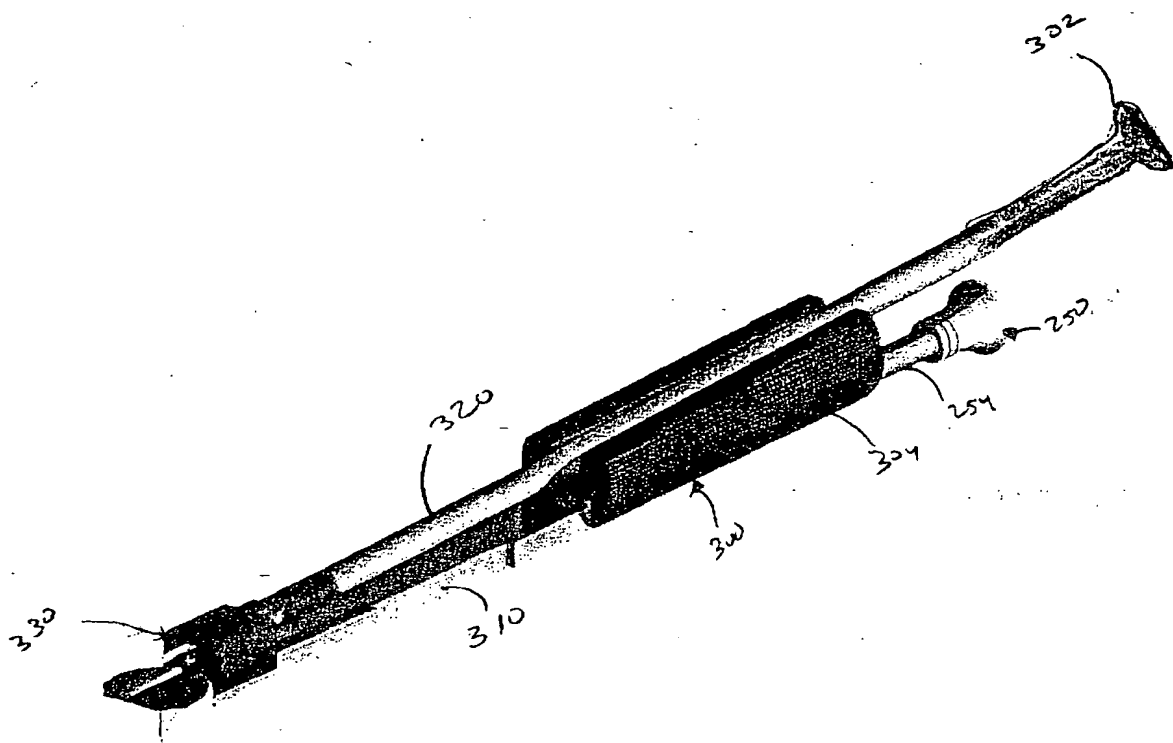


FIG 11A



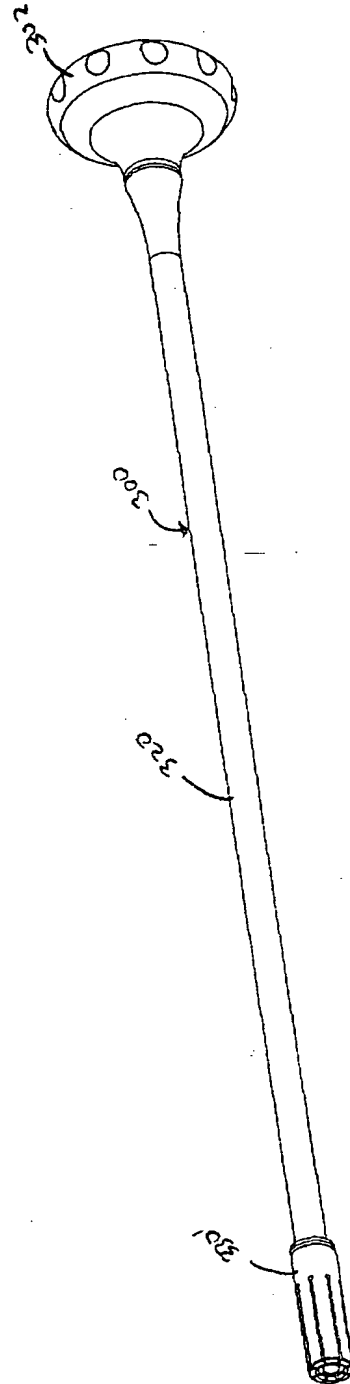
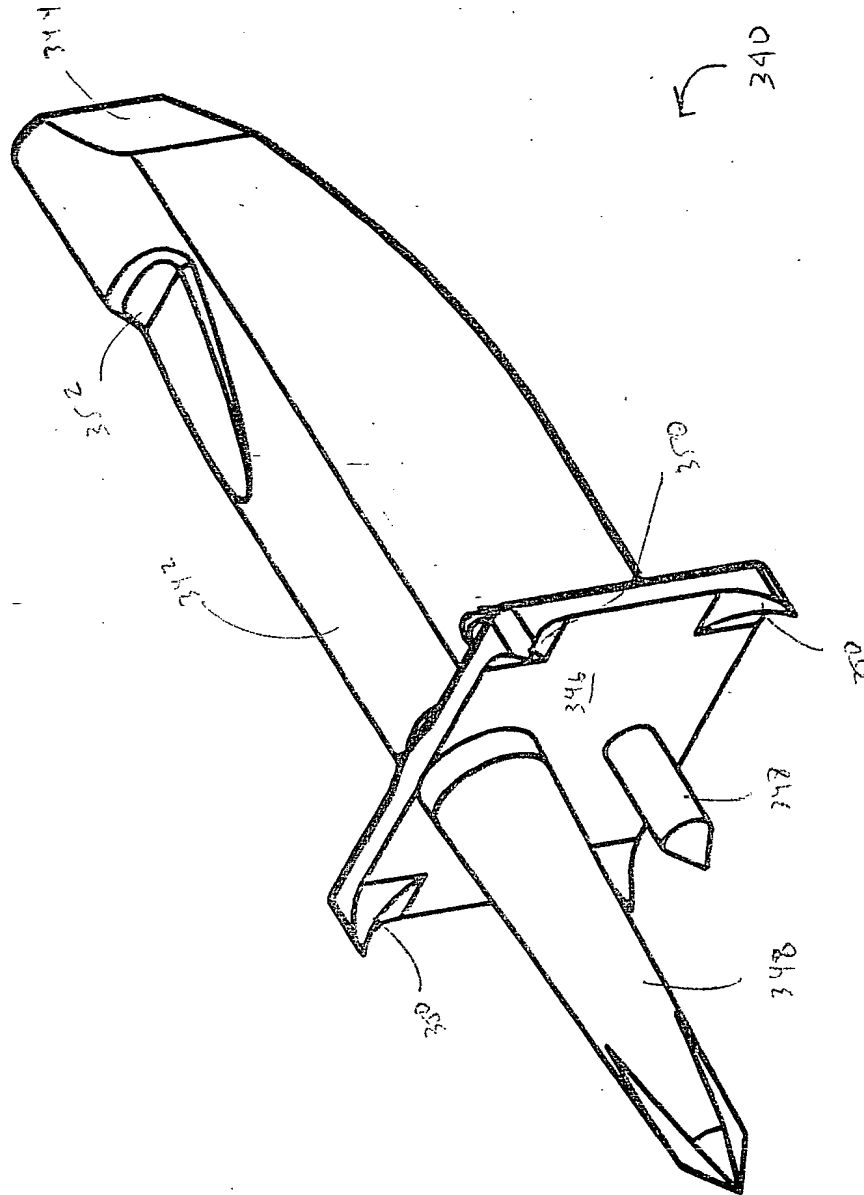


FIG. 11B



File 1214

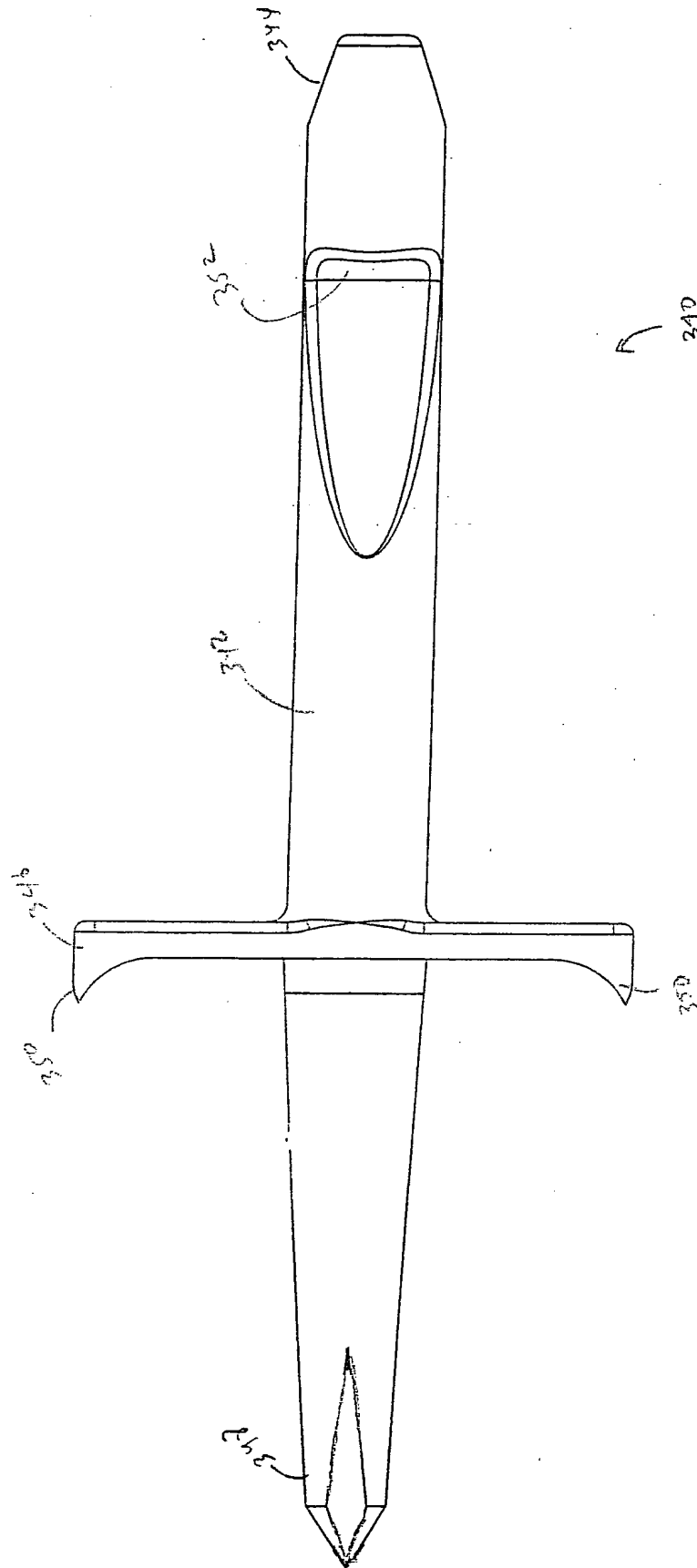


FIG. 12B

Inventors: John Riley Hawkins et al.



FILE 122



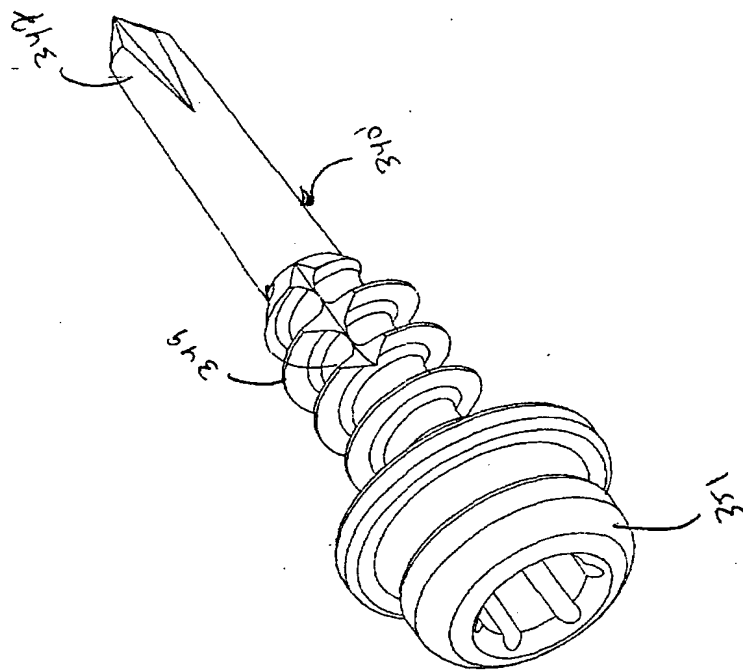


FIG. 12D

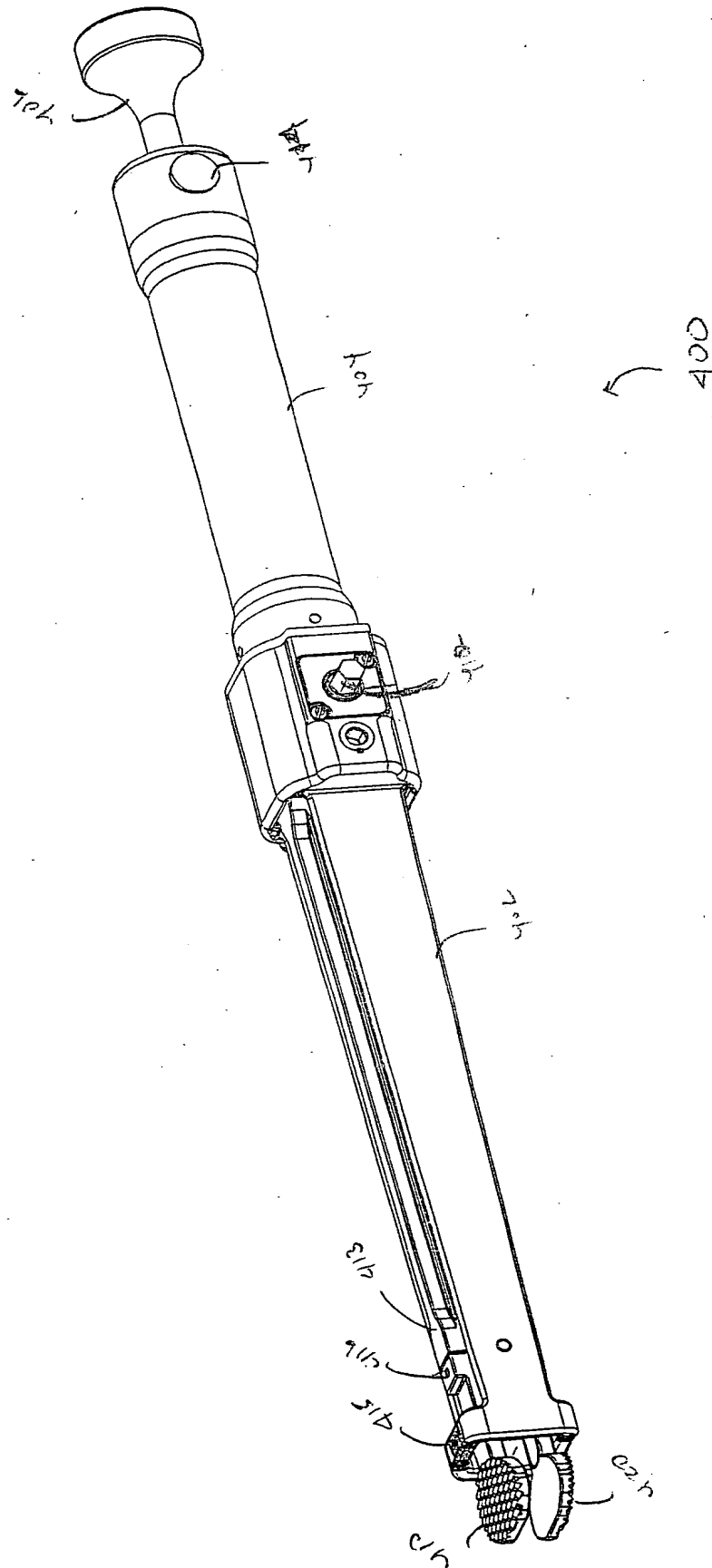
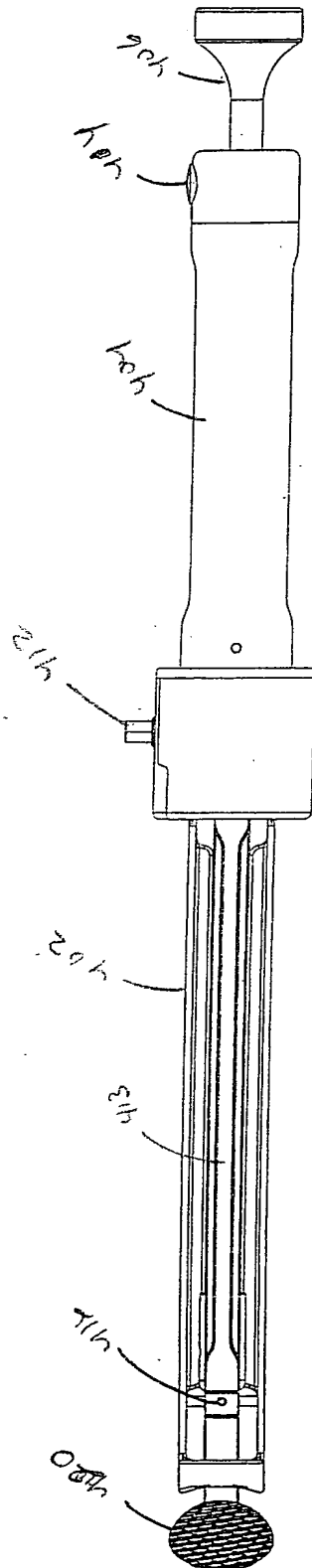


FIG 13A



400

FIG. 13B

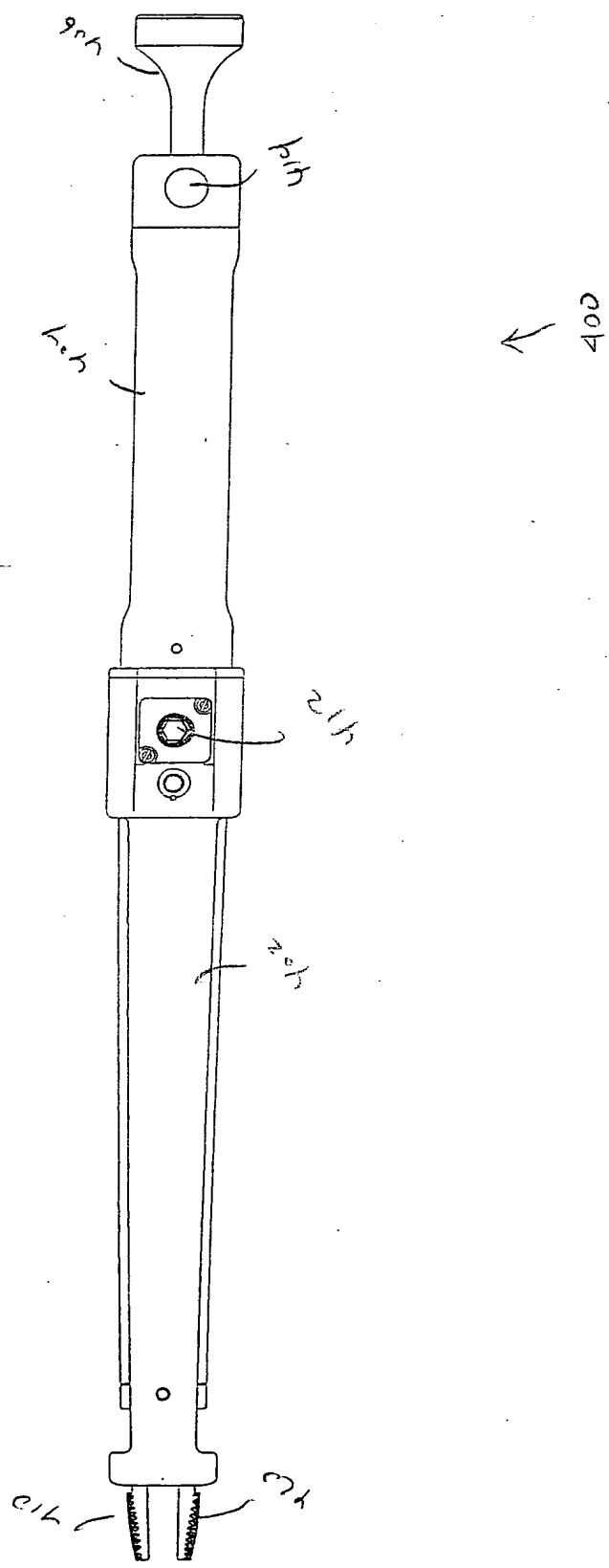


FIG. 13C



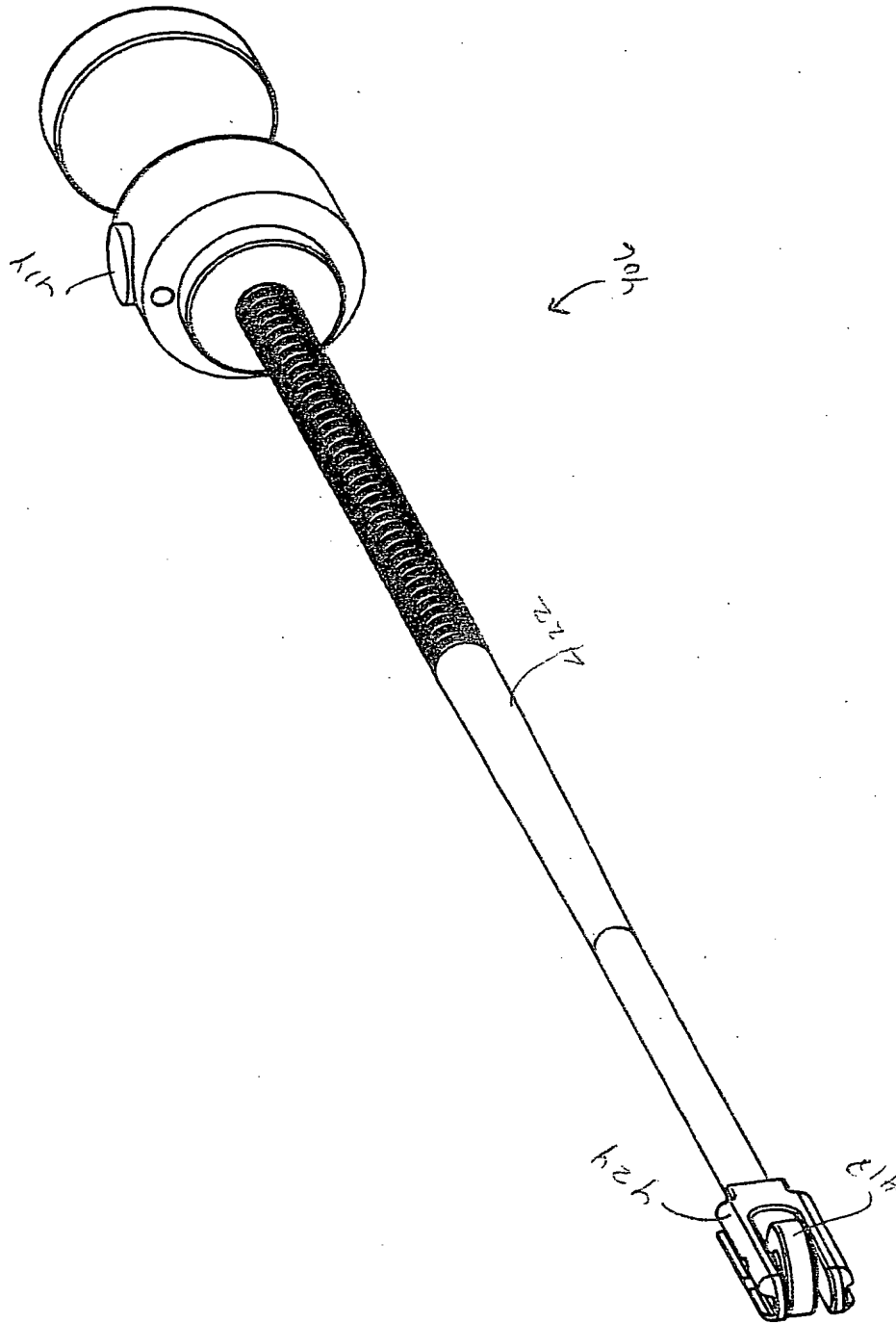


FIG 13D

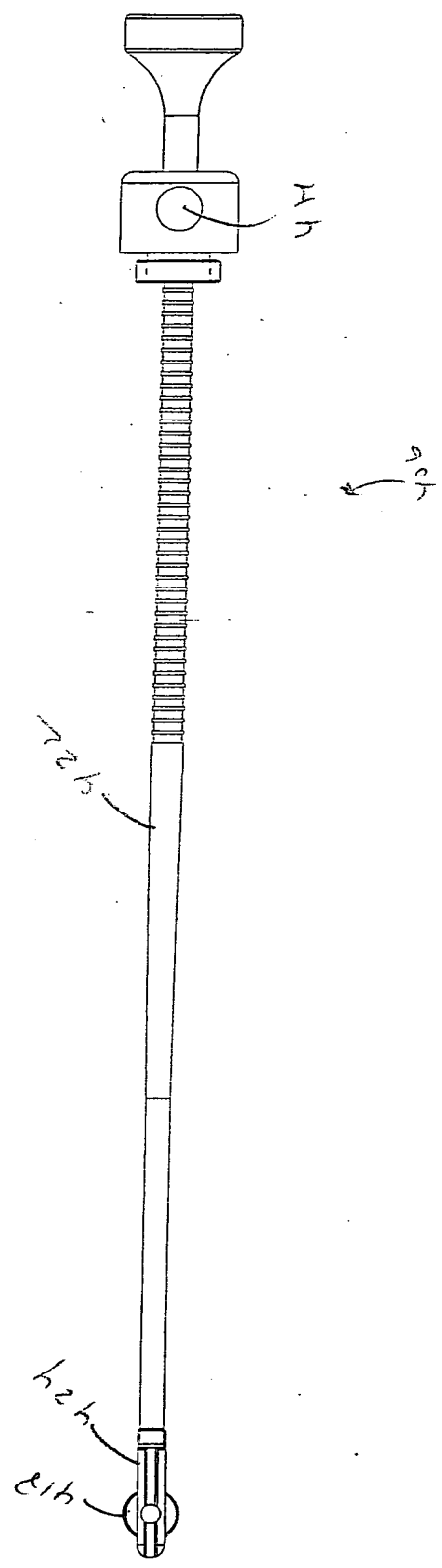
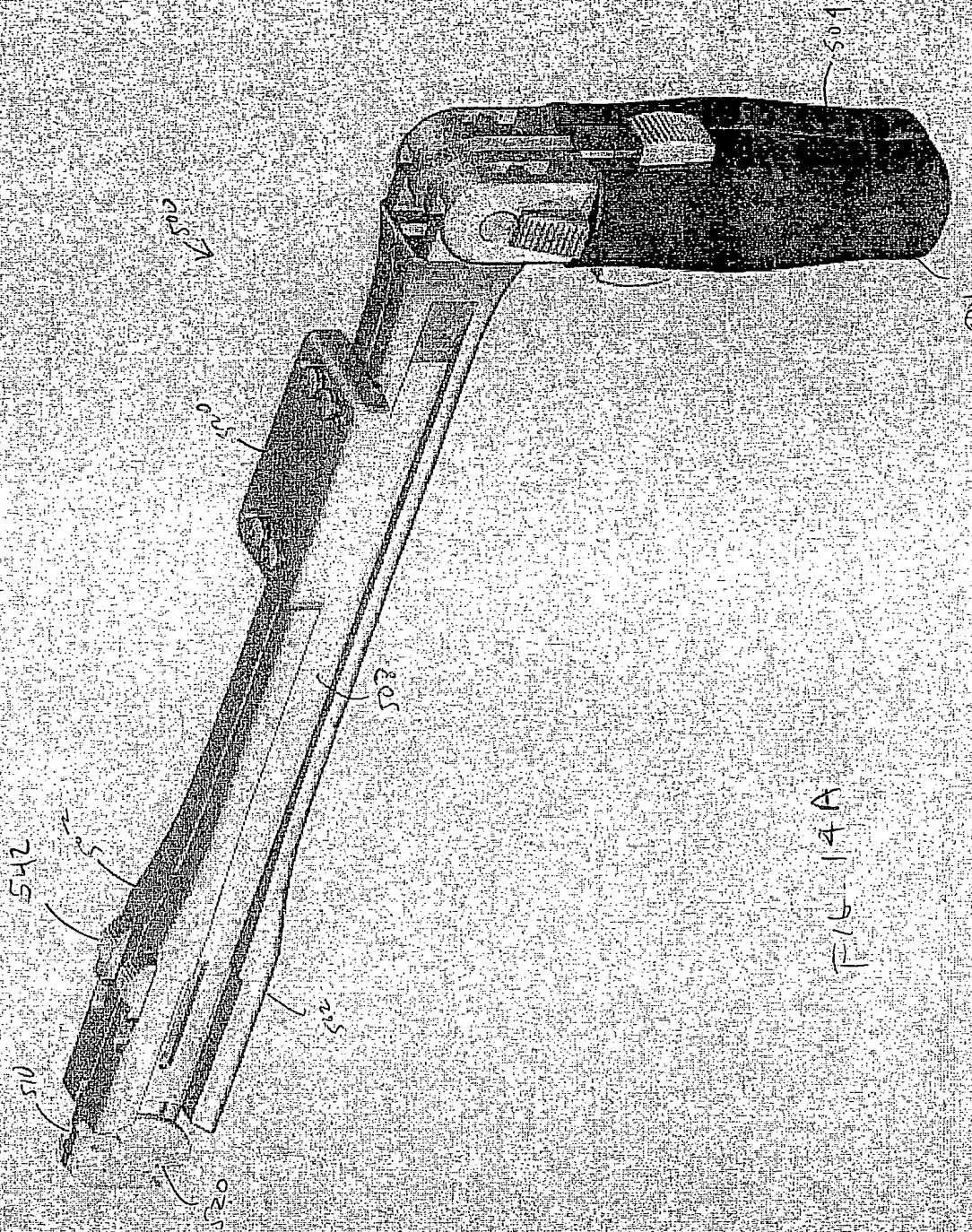


FIG. 13E



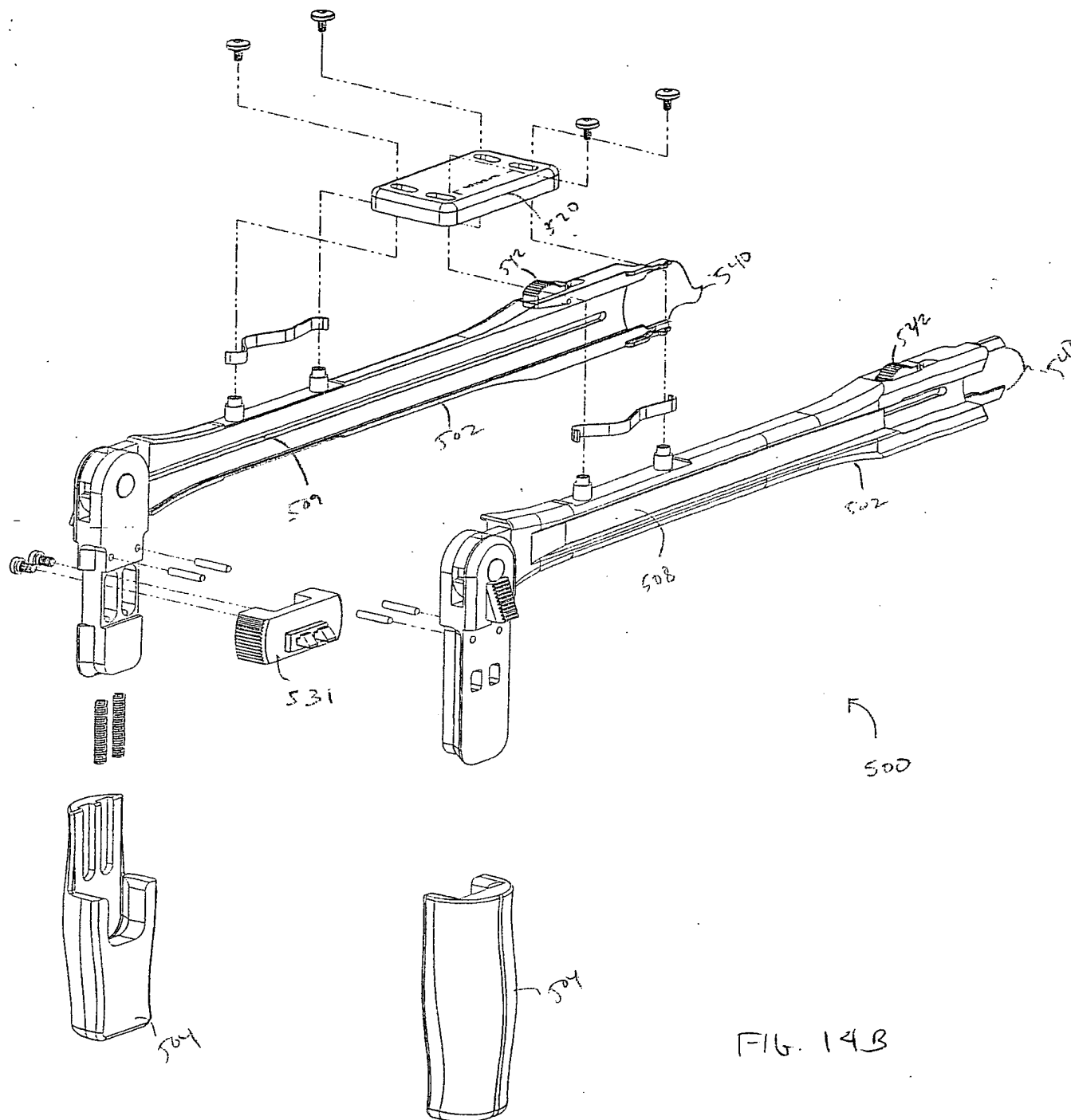
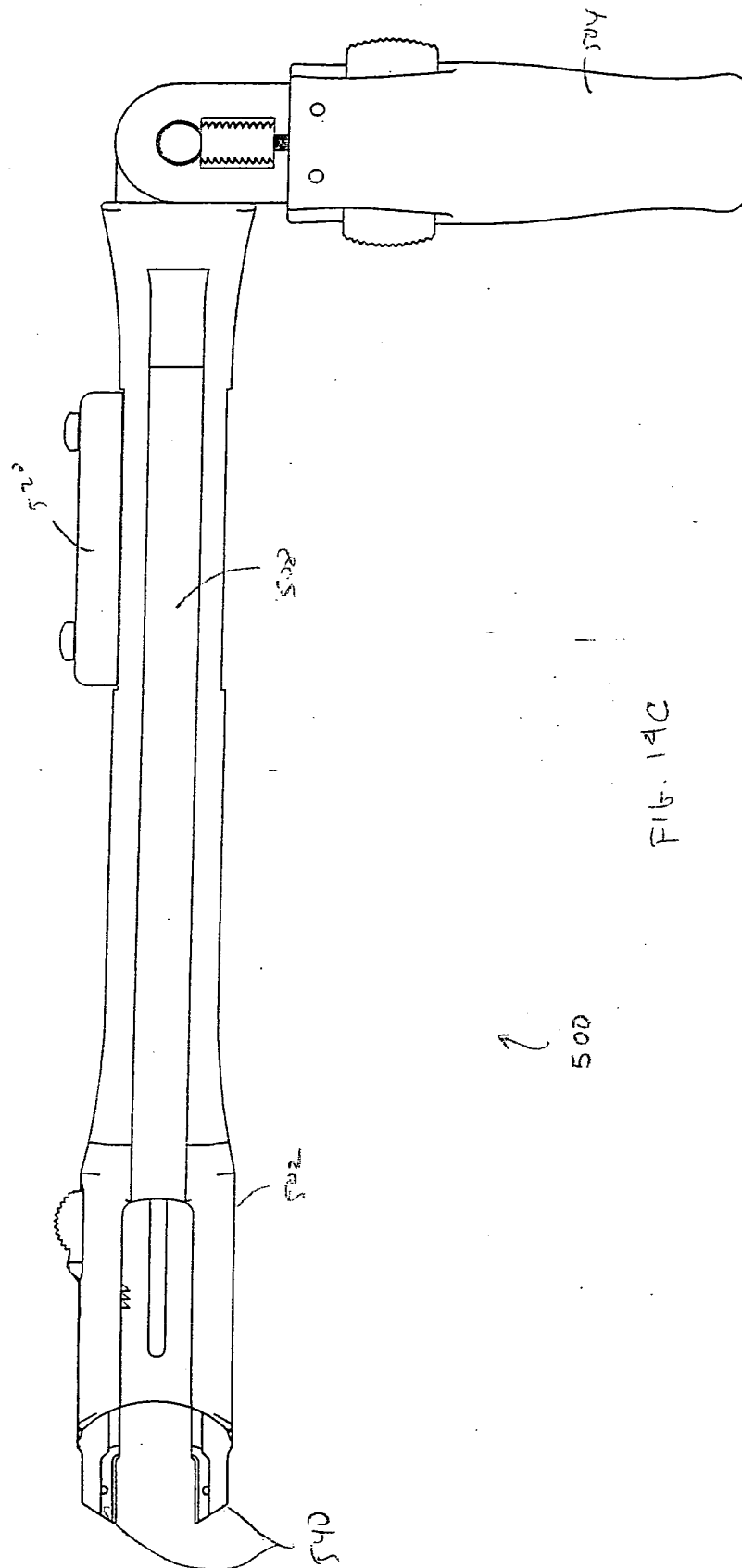
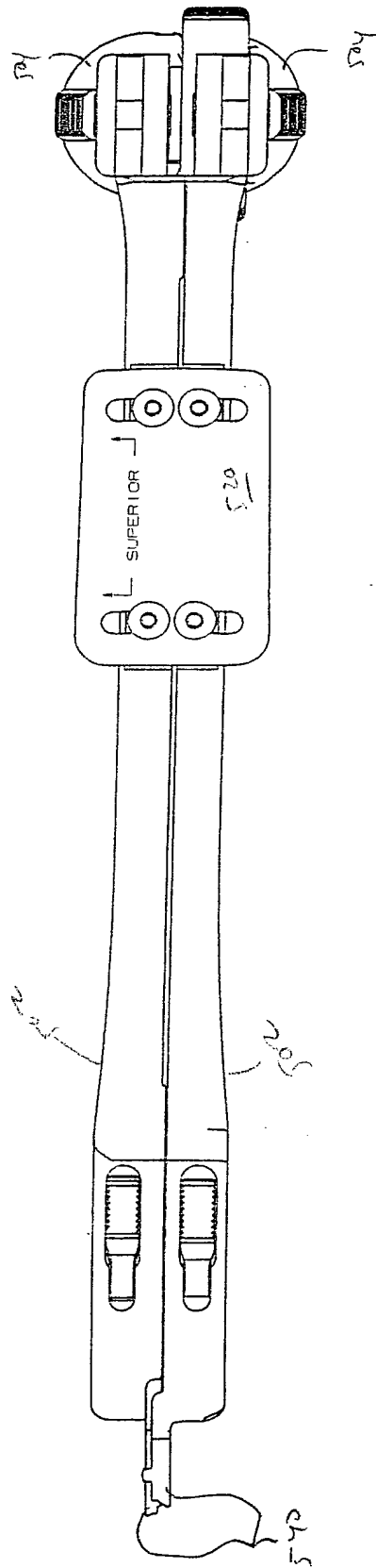


FIG. 14B



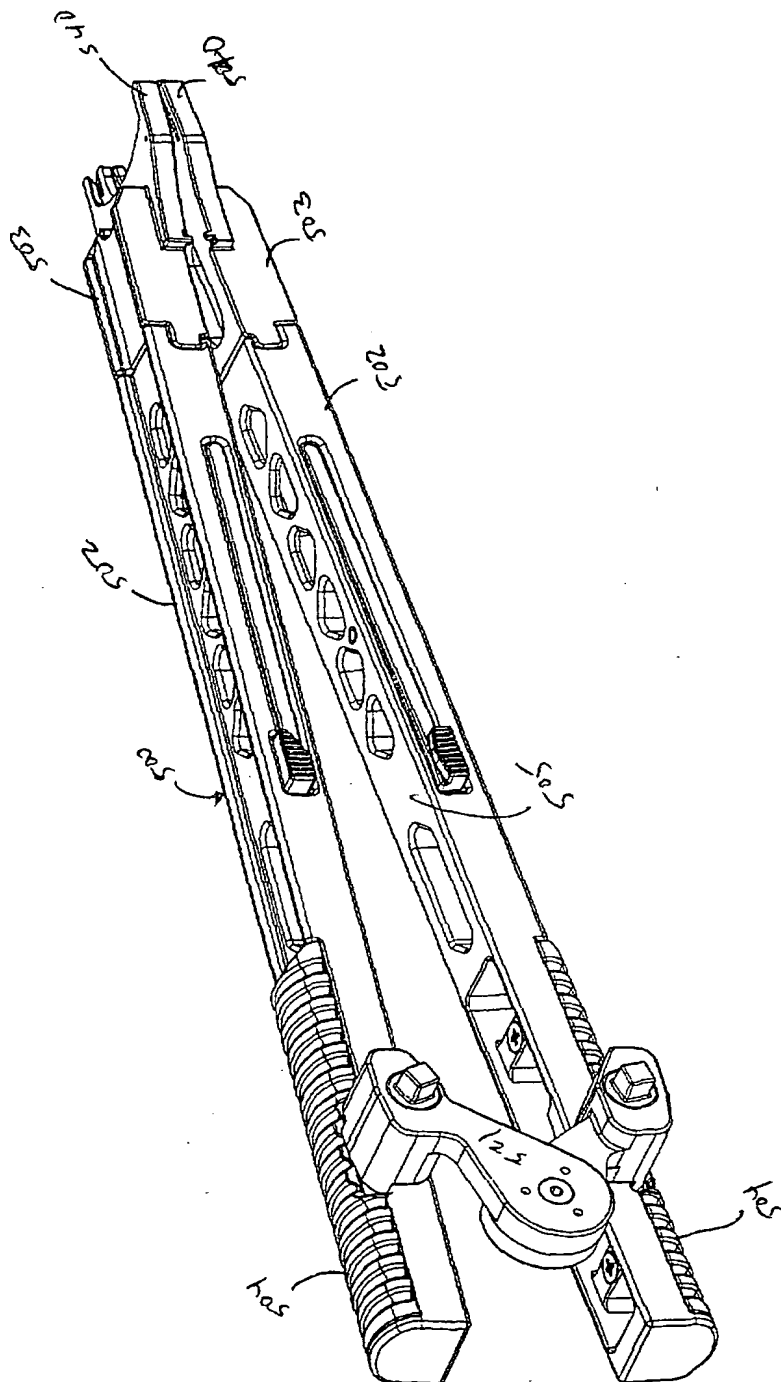




500

FIG. 12D

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Inventors: John Riley Hawkins et al.



16  
5  
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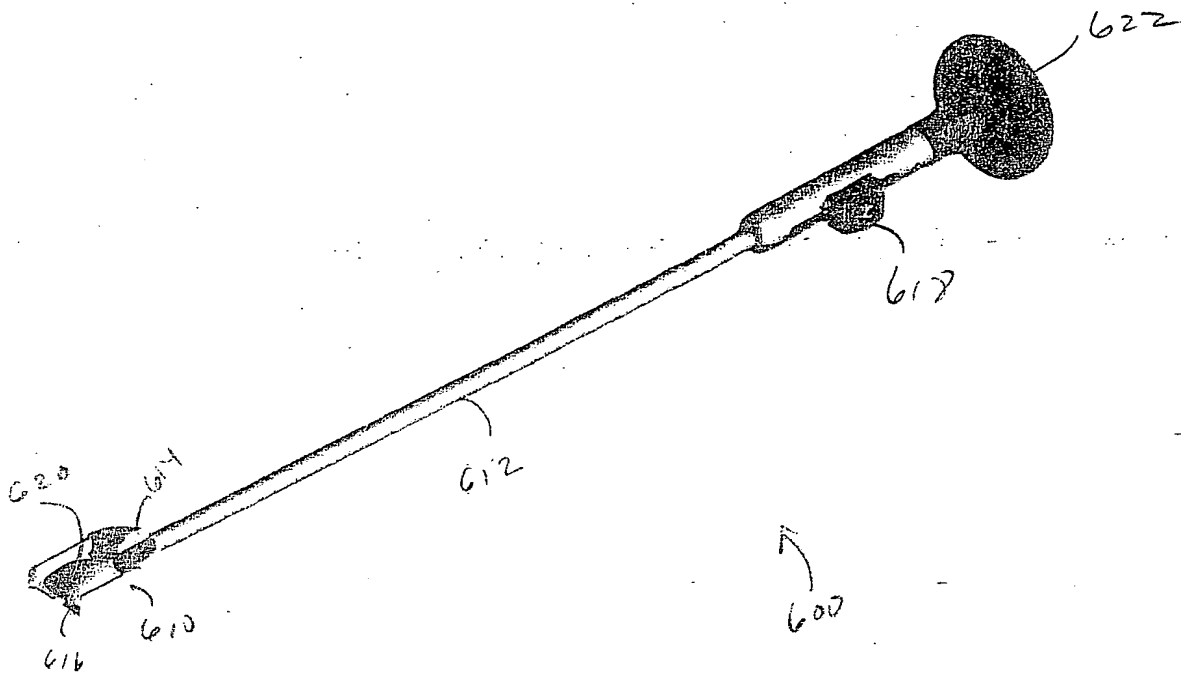
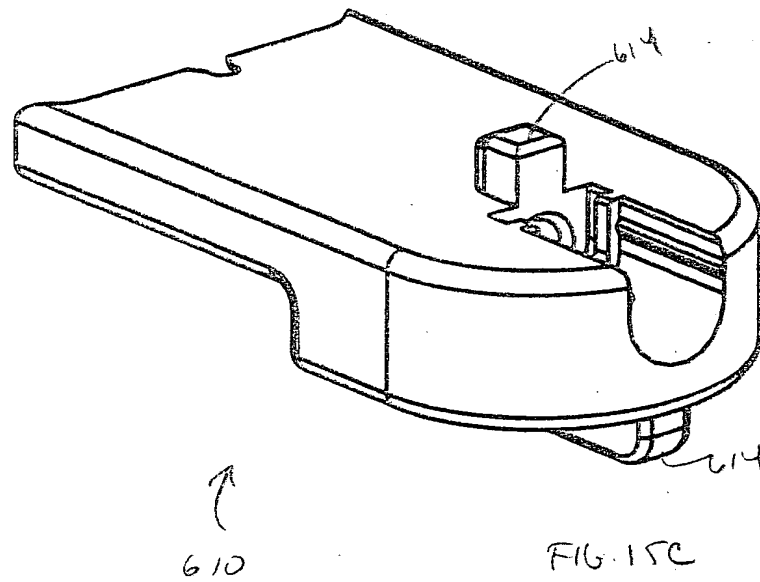
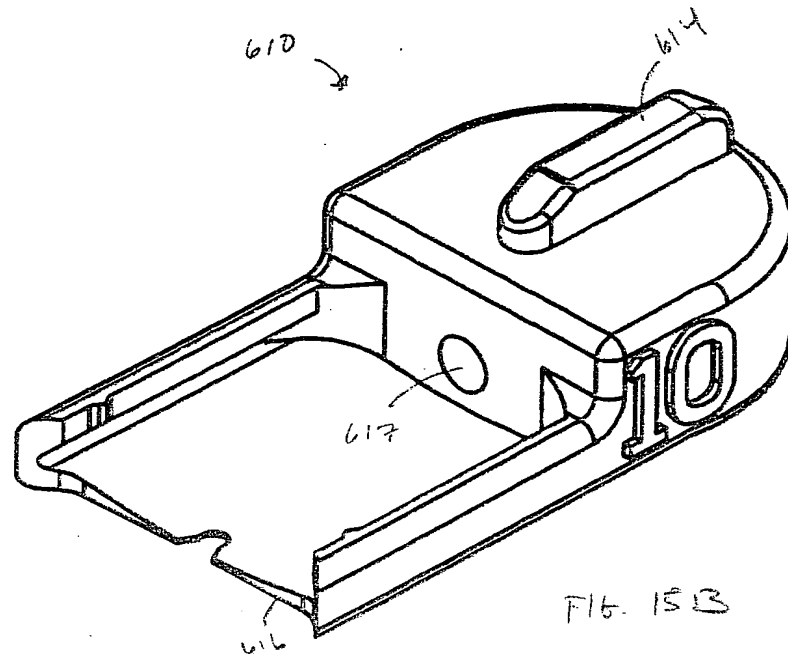


FIG. 15A



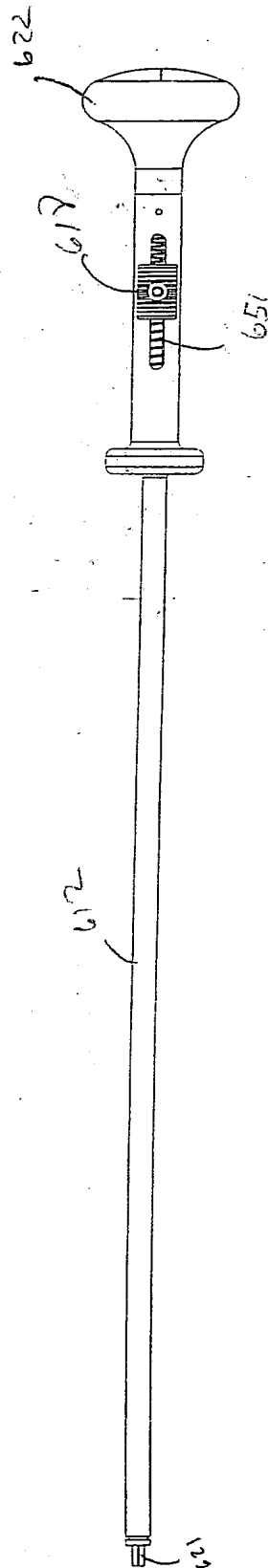
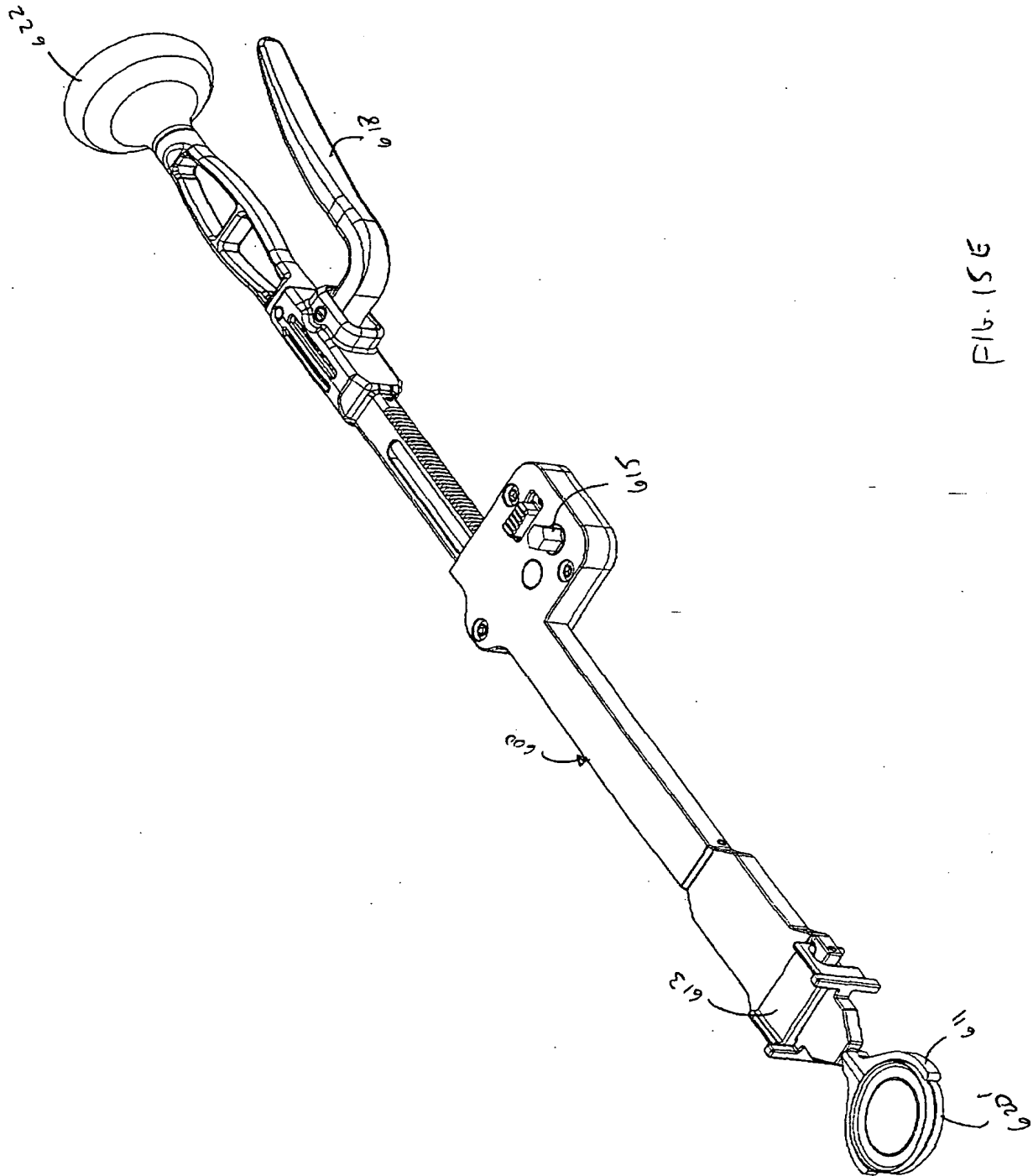


FIG. 150





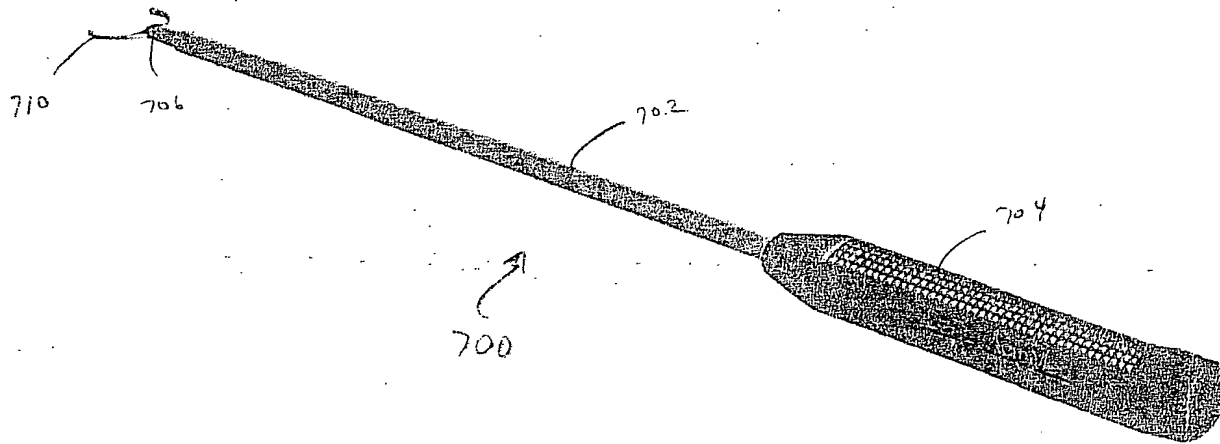


FIG. 16

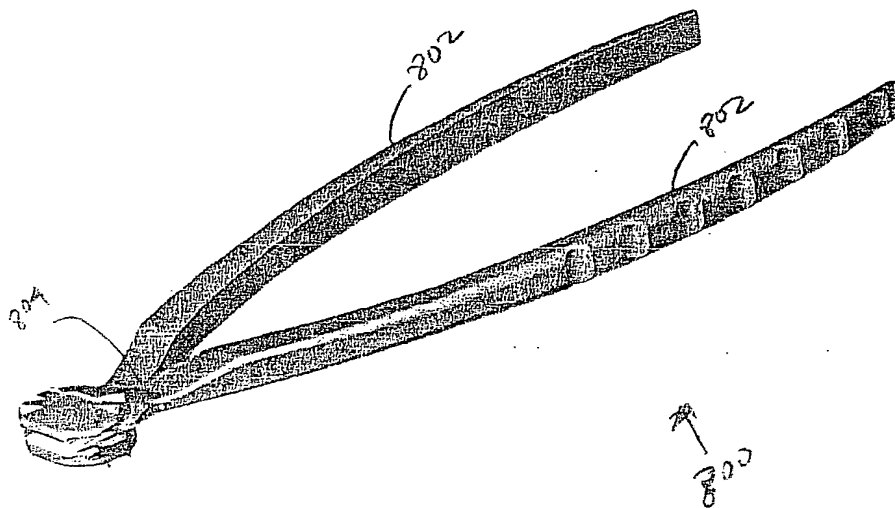


FIG 17

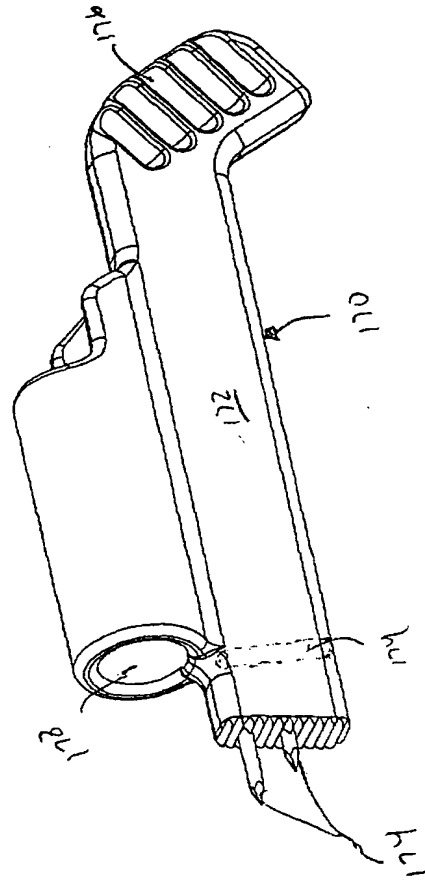


FIG. 18

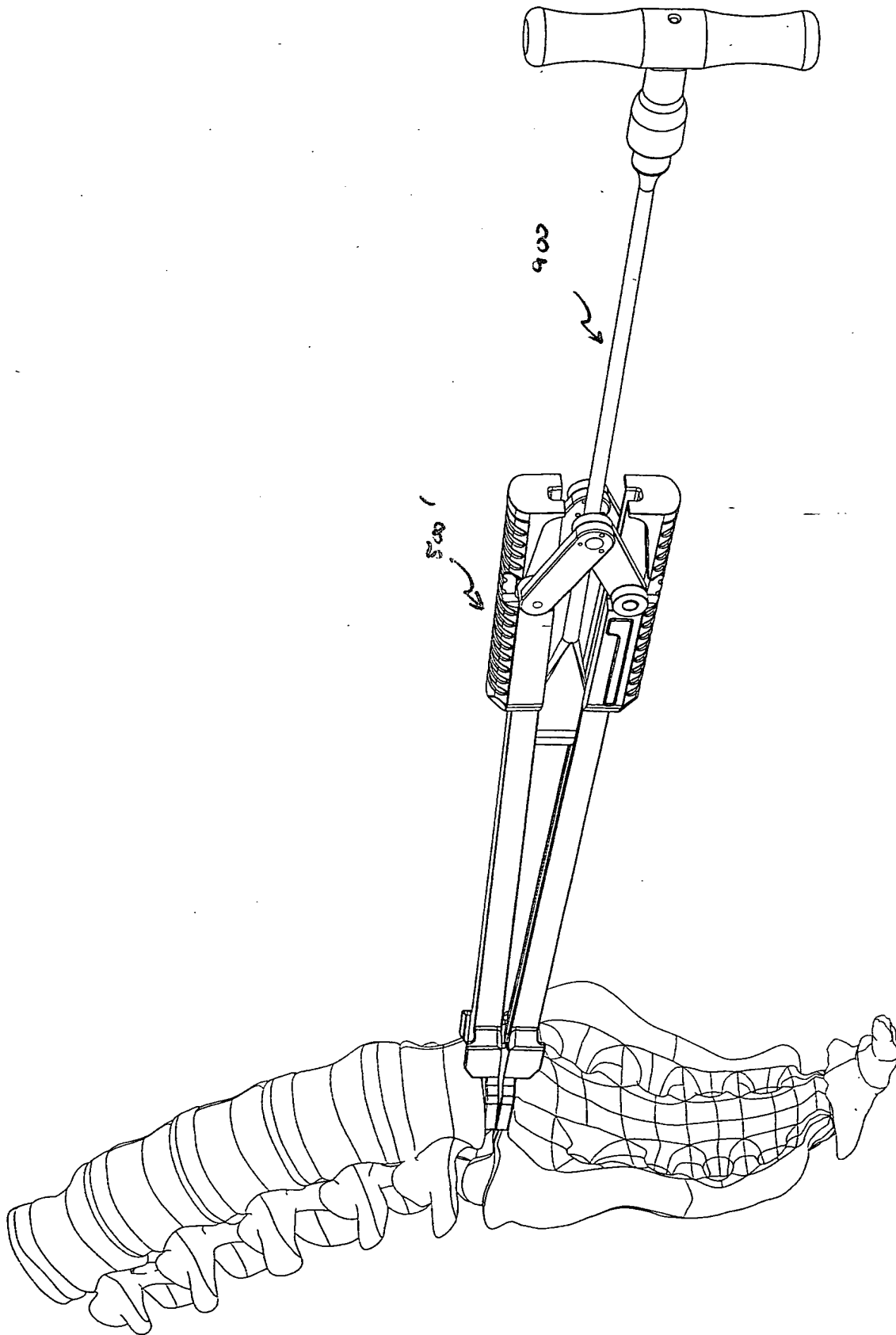


FIG. 19

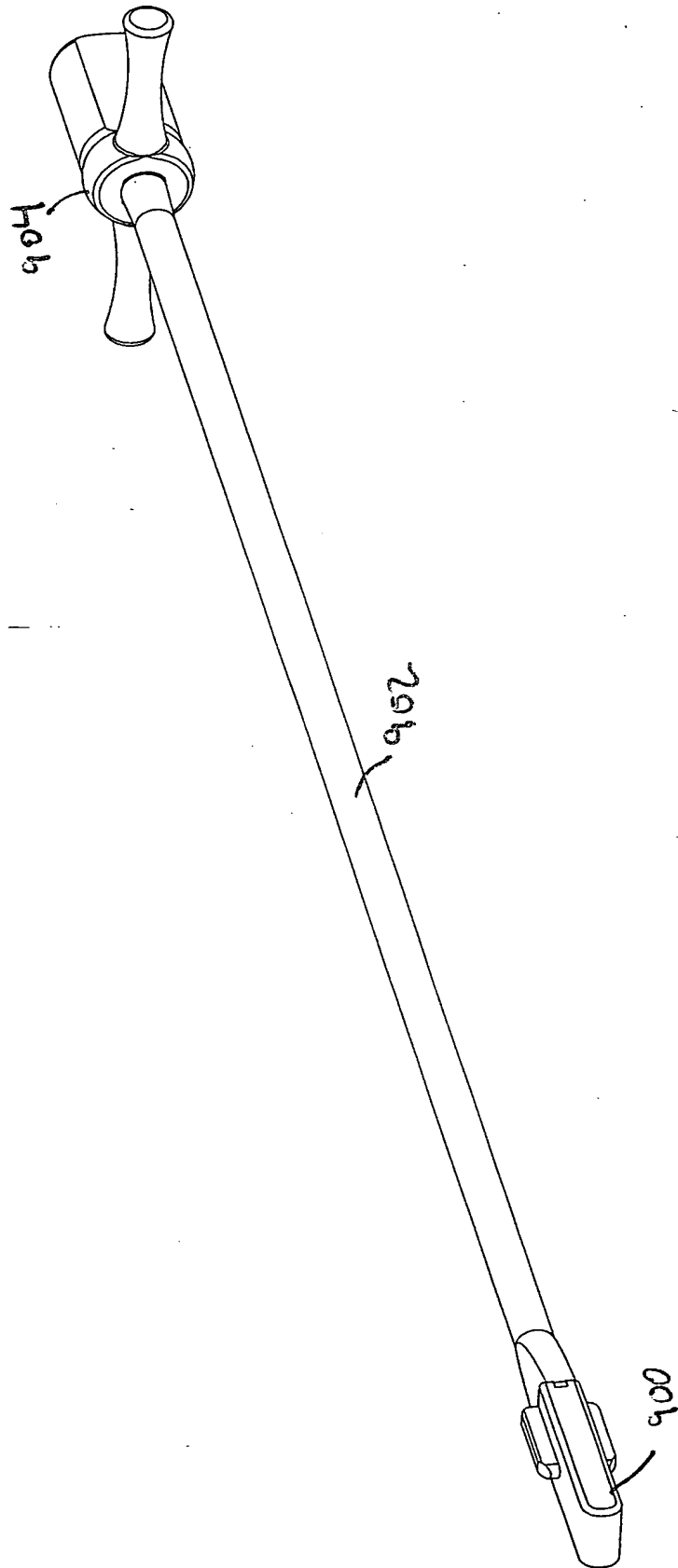
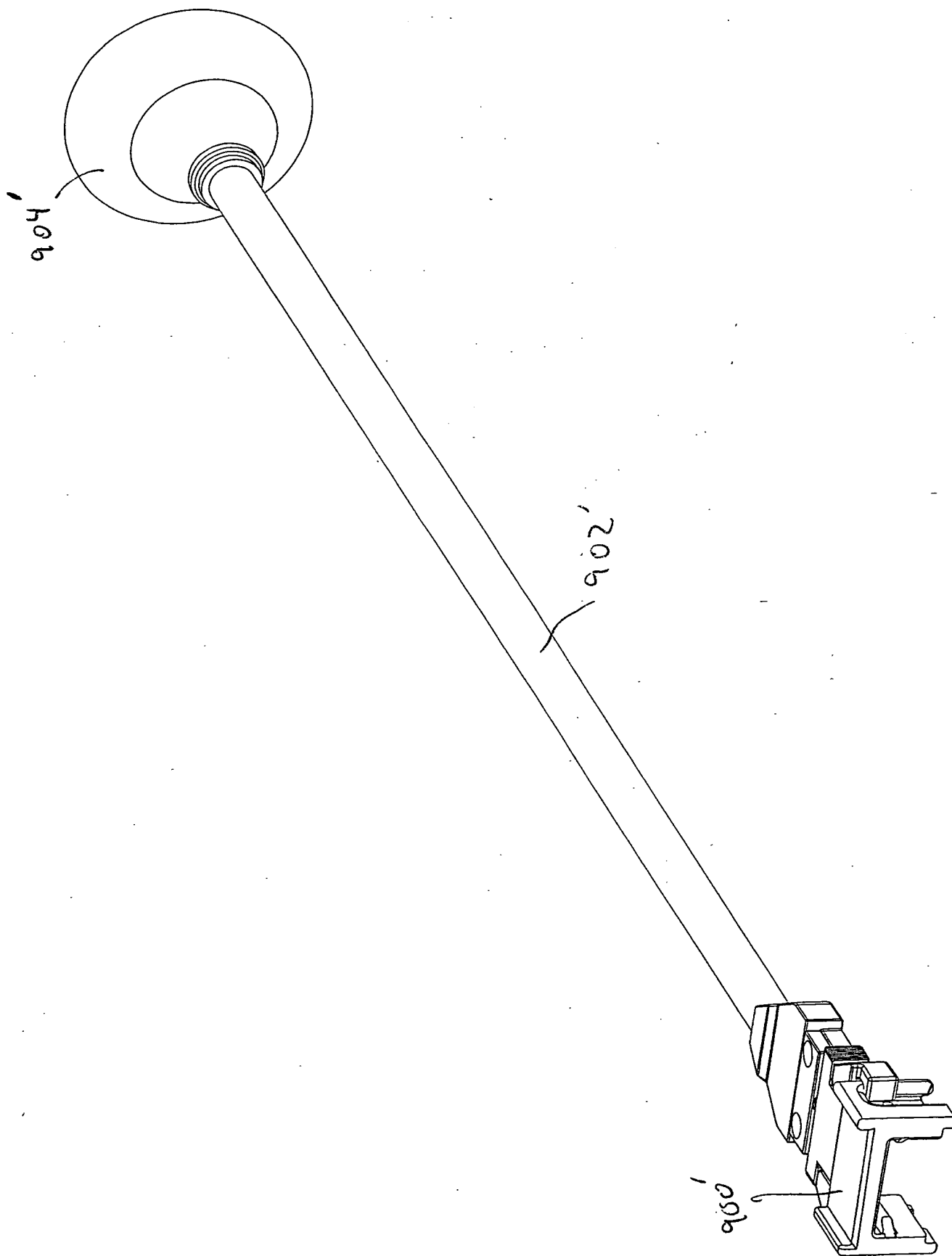


FIG. 20



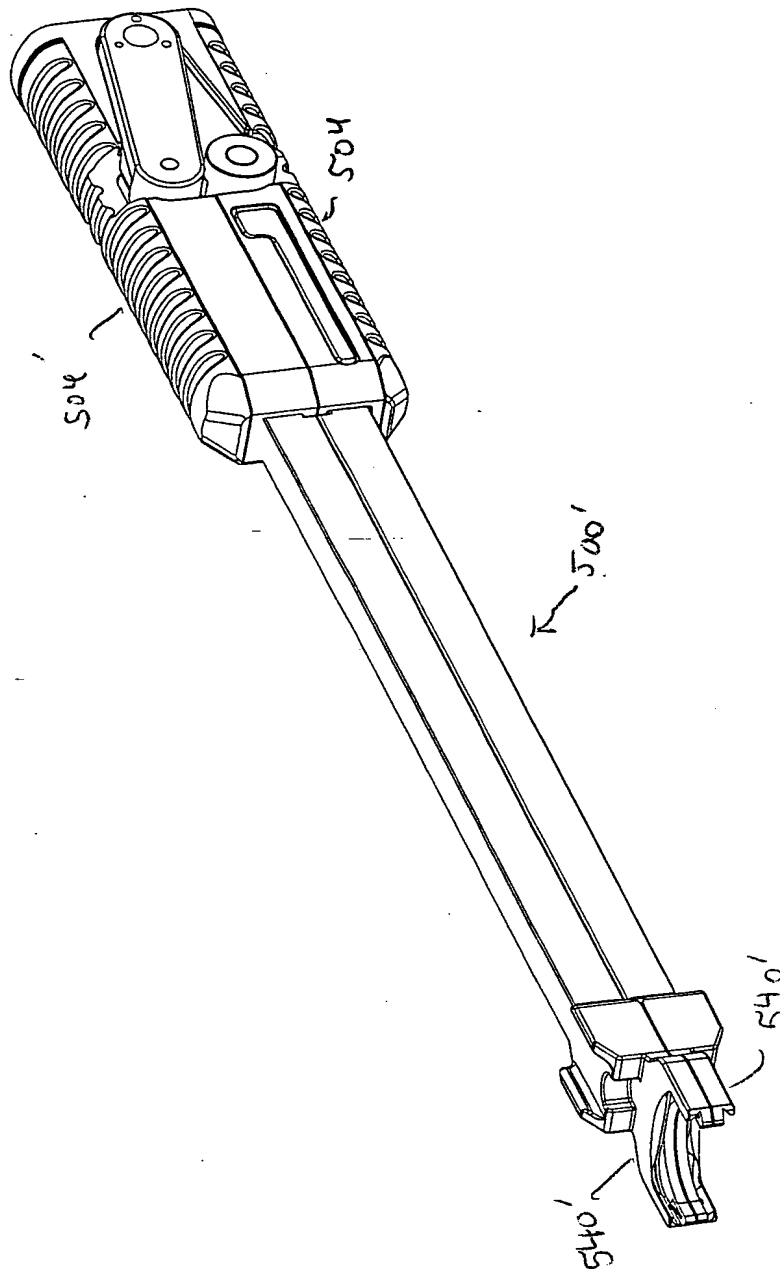


FIG. 22



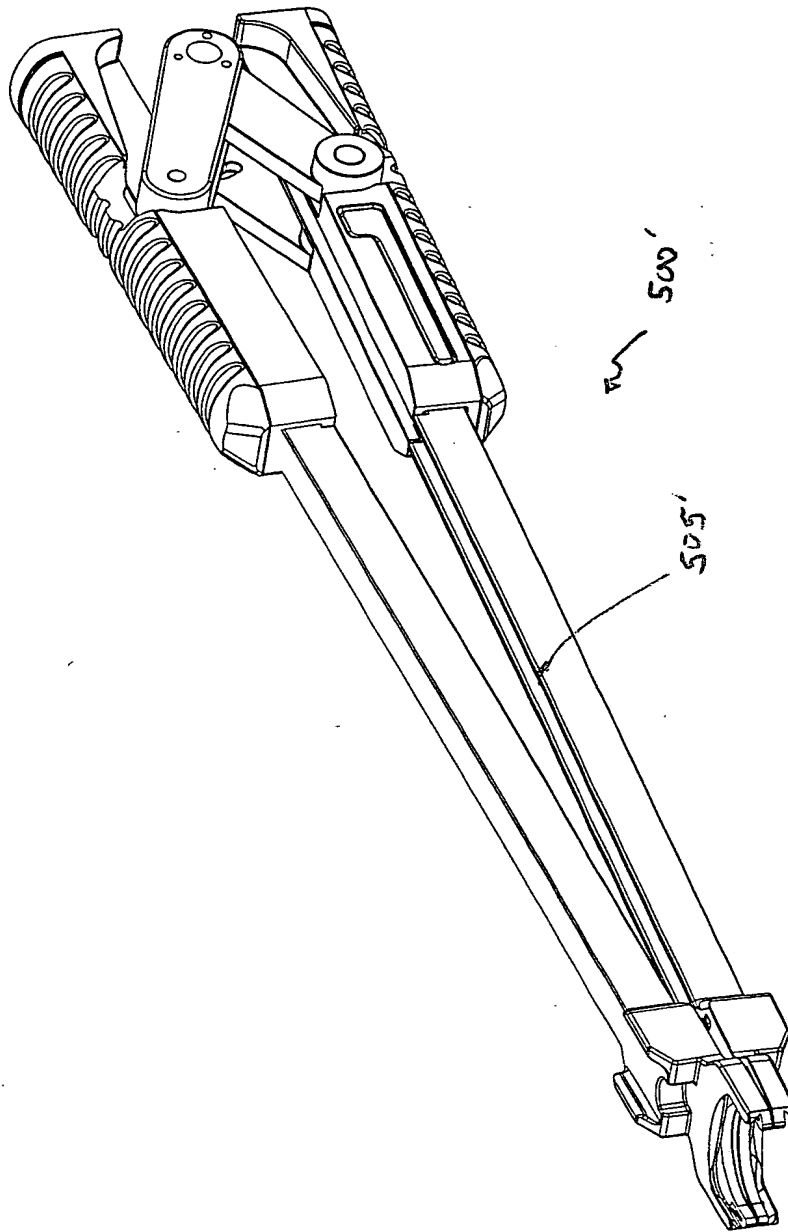


FIG. 23

Docket No.: 3518.1001-001  
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Inventors: John Riley Hawkins et al.

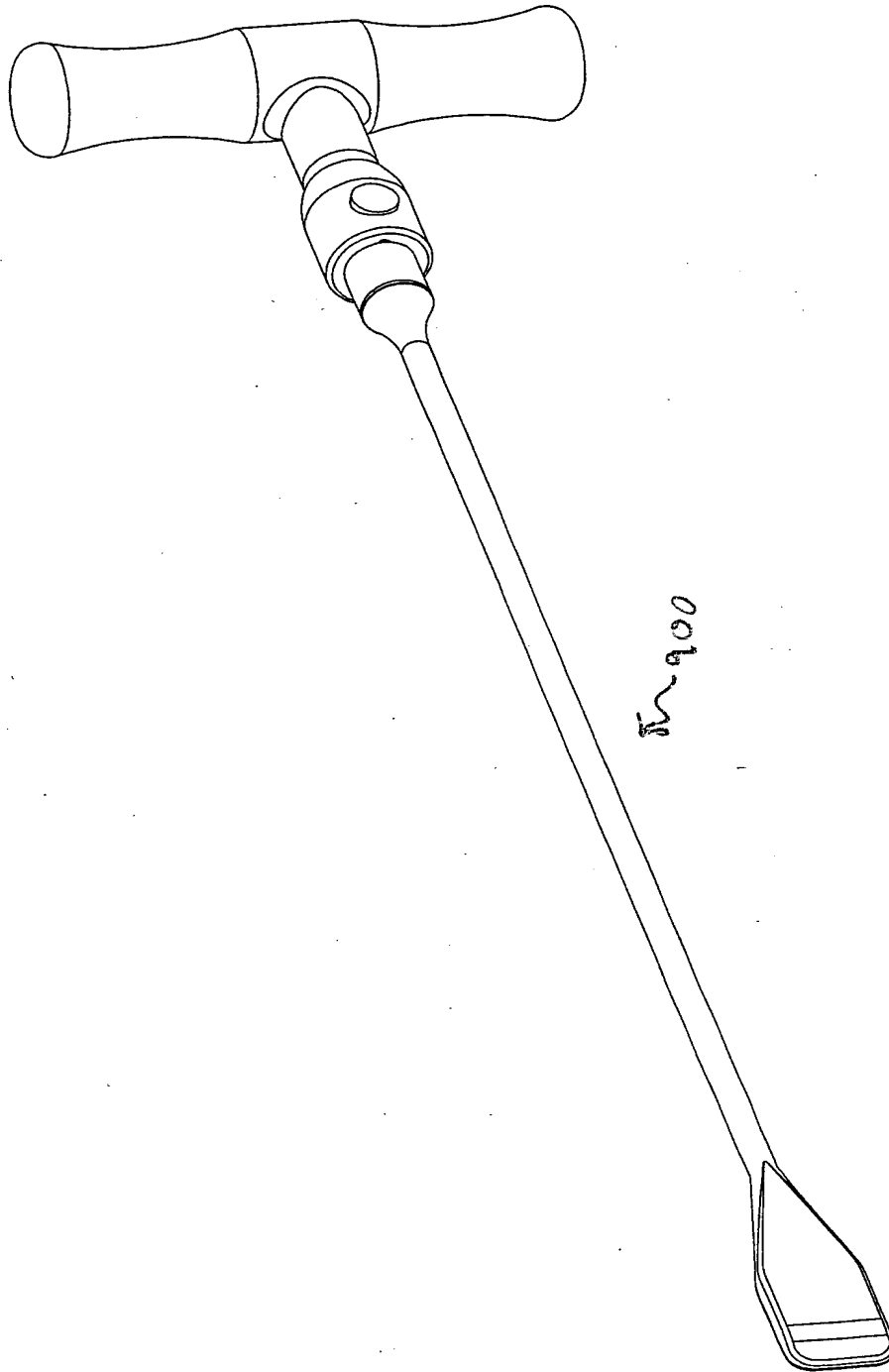


FIG. 24